

DRUG & CHEMICAL MARKETS

Established 1914

A Weekly Business Paper and Prices Current on
Chemicals, Drugs, Colors, and Aromatics

Vol. XVI

NEW YORK, JUNE 3, 1925

No. 22



What is Practical Research

Pharmaceutical
Chemicals

Some

DOW

Products include

Heavy Chemicals
Intermediates
Dyes
Aromatic Chemicals
Insecticides
Magnesium Metal

As we look at it, practical research involves the study, experiment and experience which goes to make our products and our service most useful, most dependable and most economical to those who deal with us.

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THREE years ago the Mathieson Company, unaided and with all its resources, undertook the development of a multiple unit tank car for the larger consumer of Liquid Chlorine—an achievement in Chlorine equipment originating in the broad vision and foresight of the Company's engineers and executives.

The scope of that engineering vision included not only the advantages of the ton container to the tank car user of Liquid Chlorine (who existed at that time only in the paper industry) and to the user of standard cylinder equipment, but also the adaptability of this car to consuming problems not then even recognized by other producers.

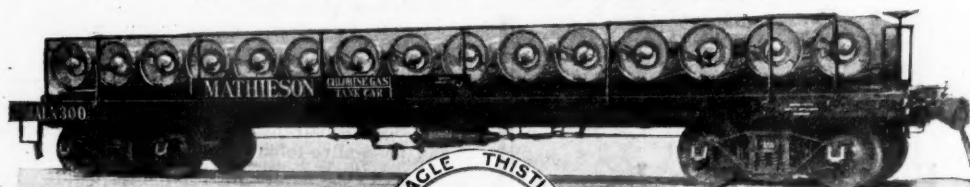
Now, in April of this year, the Department of Water Supply of the City of New York discontinued their consumption of Liquid Chlorine in cylinders at Ashokan and began chlorination from shipments received in the Mathieson Multi-Unit Tank Car—the first municipality to adopt this economy.

By July first of this year, six of the leading textile mills in the progressive Southern manufacturing field will be using this type of equipment for bleaching with Liquid Chlorine.

The story of the world search for Bromine and of the Dupont Company's equipment of the seagoing ship "Ethyl" with chlorination apparatus, is not complete without mention of the fact that she went to sea supplied with Liquid Chlorine in ton containers.

An organization that is conspicuous for such broad and practical vision is of service, first to its customers, and second to the consumer at large. The development of this convenient and economical Chlorine equipment has, in itself, made many new friends for the Mathieson Company; the problems of users of other industrial chemicals, in any field and in any quantity, are assured the same intelligent study and attention.

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VOL. XVI

No. 22

The Week in Brief

News

A committee of seven prominent chemical manufacturers is co-operating with the Arbitration Society of America with a view to applying arbitration in legal disputes in the chemical industry.

Why the future of the honest dye dealer rests with the American dye manufacturers and the consumer for the solution of his problems.

Commissioner of Internal Revenue Blair has revised the regulations relating to the advertising of liquors by wholesale druggists.

Attorney General Sargent is ready to give trade associations an informal opinion on the legality of the statistical services which they render to members of the association.

Imports and exports of crude drugs, medicinal and pharmaceutical preparations, perfumery and essential oils increased in April, exceeding the foreign trade of a year ago and of the previous month.

The success of synthetic methanol is questioned by an American expert who says it is doubtful whether the Germans will continue to offer the new product for long at the present low price.

Markets

Potash alum higher on spot. Arsenic steady. Sodium prussiate very firm. Entire list of industrial chemicals holding at firm prices.

Benzene very strong. Pure benzene higher. Pyridine advances again. Solvent naphtha and toluene stronger. Intermediate demand increased. Dimethylaniline and meta-nitro-toluidine lower.

Scattered large orders give the impression of increasing business in fine chemicals which may or may not develop to be an actual improvement of conditions. Alkaloids have advanced and quicksilver and codliver oil continue strong.

Few new developments are seen in the crude drug market with prices fairly well established except in cases where stocks are limited. Matico leaves are reported higher with lycopodium, ergot and buchu firm.



A Firm is Known by the Customers it Keeps

For a number of years, these manufacturers
have bought from us regularly:

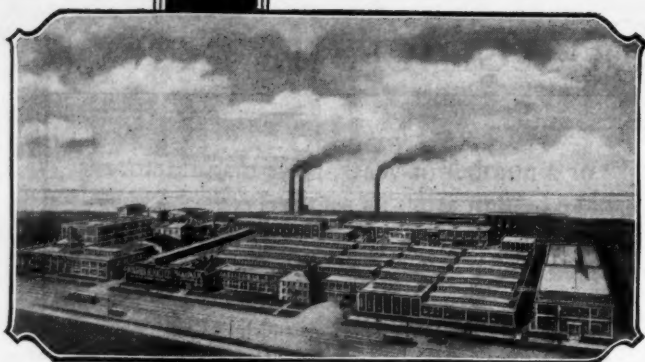
Parke Davis & Co.	H. K. Mulford Company
Eli Lilly	Norwich Pharmacal Co.
McKesson & Robbins, Inc.	Schieffelin & Co.
Merck & Company	Fred'k. Stearns & Co.
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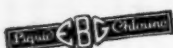
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<p>HELINDON HYDRON</p> <p>and other vat dyes</p> <p>STOCK AND IMPORTATIONS direct from the manufacturers.</p> <p><i>A complete line of</i> Acid, Basic, Chrome, Sulphur and Direct Colors, Intermediates, Cotton Finishes, Turkey Red Oils, Soluble and Leather Oils.</p> <p><i>manufactured by</i> Consolidated Color & Chemical Co. Central Dyestuff & Chemical Co. Williamsburg Chemical Co. and Other American Manufacturers</p>		
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Container equipment is carefully cleaned and parts tested before refilling. This is a part of E B G service which insures the delivery of pure, standard strength, Liquid Chlorine.

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THE OUTLOOK IN ACETONE

Some months ago when competition between fermentation and lime acetone was at its height, the expectation of an eight cent market, or lower, was quite general. The price went down to ten cents, but, contrary to expectations, did not keep on dropping. For several months the price has held even at ten cents with a gradual acquisition of strength as one factor after another in the acetone-from-acetate-of-lime business shut up shop. The stronger position of the market culminated two weeks ago in an advance of price to twelve cents, based on smaller production and material reduction in surplus stocks.

The higher price for acetone is in itself a partial invitation to lime distillers to return to the field, and when the reduction in acetate of lime from three dollars to two seventy-five which just preceded, is considered, resumption appears more probable. Whether or not the former acetone producers will resume operations is problematical. The present situation is stated to be due to retarded butyl alcohol output and consequently lessened by-product acetone production. With the situation as it is, a further rise in price is not unlikely. With the re-entrance of lime acetone factors who had quit production, the balance might easily be upset in the other direction and send the price down again.

The fact cannot be ignored that when fermentation acetone forced prices below the point where lime distillers could compete, the producer of the fermentation product was pushing output to the limit. The demand for butyl alcohol was abnormal and to take care of this, more by-product acetone had to be produced and disposed of. At present, butanol production is said to be nearer a normal level and the enforced output of fermentation acetone is smaller. With "lime" cheaper, acetone higher, and competition dulled somewhat, the prospect from the point of view of former makers, is brighter. Whether it is bright enough, and carries sufficient guarantee of permanency to bring resumed operations, can only be decided by the makers themselves.

CRUDE DRUG DEMAND IMPROVING

Many items in the crude drug list have more than doubled in market values, during the last few weeks, due to depletion in stocks and concentra-

tion in the hands of one or two dealers. The fact that sales have actually been made at advanced figures would indicate that a consuming demand actually exists, for these items at least, in spite of the continual cry of poor business. A few isolated sales do not constitute good business, but they may serve, when they stand out conspicuously, as a barometer to indicate that there is a demand for drugs.

The foresight of certain dealers, who held sufficient supplies to tide them over until the new crop is available, is a matter of comment in the trade. It is sometimes difficult to estimate the demand and judge how primary prices will act, but the man who is closely connected with the traffic in products which are harvested periodically, generally makes it a point to know something of the size of the crop as soon as it is harvested, and is in a position to know the normal demand. He should be able therefore to gauge, more or less accurately, his needs for the year and the primary stocks; and form his buying policy accordingly. Rising prices must be expected between crops if the demand is active just prior to the harvesting of the new crop, but such advances as have recently occurred in damiana, larkspur seed, Valerian root and saw palmetto berries seem to require further explanation than a routine seasonal shortage.

PURE SCIENCE AND INDUSTRY

In the matter of education as in other things in this country we are quite prone to adapt ourselves to the principle of mass production, turning out as many chemists and chemical engineers as possible. We prescribe a definite course of four years and whoever completes that course receives a degree. This is carried out in this manner firstly because no one doubts for a moment the great need for technically trained men in the industries, and secondly because this country has developed a standardized educational system.

But there is one university in this country that does not confer as many degrees as possible, but a relatively few, and these only to those students who are particularly fitted for the professions they choose. Johns Hopkins University is of the latter type and at a recent meeting held to aid in raising \$11,000,000 for additional equipment for the university the great dearth of men

educated along the lines of pure science was brought very forcefully to the attention of those present.

The direct results of educating technical men in the ordinary manner are easily visible but the results of educating men as chemists and physicists in a manner that will equip them for research in pure science or as teachers are rather intangible, but they are nevertheless real. When commercial research is undertaken the investigators first turn to the literature and the most valuable part of the literature is that developed for pure science.

To educate a man to the point where he is really valuable to the industry as a chemist or a chemical engineer is not completed in the four years that he spends in college. His education goes on long after that. Similarly it is not possible to educate pure scientists in four years but, on the contrary twelve years of education and experience come nearer to meeting the requirement.

EMPLOYMENT SITUATION IMPROVES

During the first three months of this year almost spectacular gains were made by industries which suffered most during 1924, says the National Industrial Conference Board. Employment in the rubber industry during the period of business revival increased 51.5 per cent., indicating the reopening of some plants and the taking on of new workers in most. In the wool industry, there was a getting back to almost a full time schedule, work hours per week on the average showing a 24.2 per cent. increase, and average weekly earnings increasing 29.4 per cent. The iron and steel industry absorbed 39.8 per cent. additional workers, increased working hours 15.2 per cent., and weekly earnings per worker rose 16.5 per cent. Automobile factories took on 20.7 per cent. more men, average working hours increased 13.5 per cent. and weekly earnings 14.3 per cent. per worker. Employment in the agricultural implement industry showed a gain of 27.6 per cent. in employment, and 7.6 per cent. in working hours. In the northern cotton industry, employment gained 27.5 per cent. working hours, 20.5 per cent. and weekly earnings 11.3 per cent. An 18.7 per cent. increase in employment is reported in the chemical industry, with working hours increased 9.7 per cent., and weekly earnings 10.9 per cent. higher. The furniture industry gained 13.8 per cent. in employment.

The Postmaster General has been looking over the Dead-Letter Department in Washington and finds that 21,000,000 letters were sent to the postal morgue last year, and 803,000 parcels. Carelessly directed letters contained \$55,000 in cash and \$12,000 in stamps, last year. The Postmaster General suggests more care of the mail by business firms, corporations and individuals. It costs Uncle Sam \$1,740,000 a year merely to look up addresses on misdirected mail. With stricter examination of letters before mailing this vast expense would be saved to the Government and

business houses would benefit in many ways. One step toward the needed reform is for the sender to put his address or that of the firm in the upper left hand corner of the envelope.

The charge that the American wood chemical industry has not done proper chemical research work, is evidently about as well founded as the non-poisonous qualities of German methanol. Only last week, two big volumes, representing recent research in the wood chemical field, by an officer of the Association, were sent to DRUG & CHEMICAL MARKETS for inspection. Some of those who are pointing the finger of scorn at the wood distillers because Germany has come forward with a synthetic competing product, should be made to read both volumes through, line for line, figure for figure, as punishment.

Ten Years Ago

From the Issue of June 2, 1915, of "Drug & Chemical Markets."

The French Government on May 27 announced a bombardment by a fleet of aeroplanes of the big chemical plant of the Badische Anilin & Soda Fabrik at Ludwigshafen on the Rhine with considerable damage to the buildings.

Italy's entrance into the war has virtually resulted in the blockading of Trieste, one of the world's most important drug distributing ports. The latest report maintains that Italy will seize all German or Austrian goods within her borders.

A rise in the price of hydroquinone was so inevitable that anything else would have seemed abnormal. Metol was being sold at the beginning of the week at \$6.00 and was reported getting scarcer and scarcer.

Unless the unexpected happens and the Allies capture the Dardanelles within the next two weeks, the available supply of Russian mineral oil will be completely exhausted from all that can be learned from the various importing houses in New York. The shortage has caused an increase in the refining of American oil and a product just as good as the Russian is reported being turned out now.

Stocks of German dyes are just about cleaned out, and importers have little hope of getting more until there is a radical change in the situation abroad. Except for the fact that some of the common blacks may be made in this country, the situation seems to be growing steadily worse.

The production of carbolic acid in the United States is placed at not more than 5,000,000 lbs. Normal imports, reports state, amounted to 8,000,000 lbs. per year, which have been entirely cut off.

The call for citric acid in the past few days has been exceptionally keen and sales have been made as high as \$1.00 per pound.

There is nothing left of last season's catch of codliver oil in Norway at this time owing to heavy purchases by the Germans which have completely exhausted supplies.

With many other nations of the world closed to shipments of flavoring materials, extract manufacturers in the United States are enjoying an easy market for their raw materials. This is especially true of vanilla beans.

Dealers, Dyes and Dyers

The Future of the Honest, Competent Dye Dealer Rests With the American Dye Manufacturer and the American Dyestuff Consumer, who Owe it to Their Own Good Business Sense to Help in All Ways to Solve the Knotty Problems of the Local Distributor.

DEALERS have always been a storm center in the dyestuff trade. Bitterly blamed, they are warmly praised. In spite of the plain fact that they perform valuable services alike to buyer and seller, they have often been branded as unnecessary parasites. Among them are some of the highest examples of knowledge of the blending and application of dyes, men of the best and most valuable practical experience. Among them also are to be found some of the worst offenders against sound business ethics. But the dealers are here, and they will stay; it is as foolish to blame them blindly as a class, as it is to praise and support those who are not playing the business game.

Service to the Consumer

Just what function does the honest efficient dealer perform? For the buyer, especially for the smaller mills and tanneries they are in many cases taking the place of a laboratory. They match shades and help to solve practical dyehouse problems. Theoretically, at least, they can be a great help in this way, due to the fact that they are impartial, able and willing to sell the dyes of all the manufacturers, while the service department of any one maker is of necessity bound to recommend and work with its own colors. Such services to consumers, without the opportunity to test out their own requirements, if rendered impartially, are obviously of considerable direct value. Moreover, by keeping on hand spot stocks, the dealer often is able to supply emergency shortages which happen in the best regulated mills and which cause not only inconvenience, but also losses.

Service to the Manufacturer

On the other hand, dealers are also rendering two types of manufacturers services that justify their place in the trade. To many smaller makers of dyes and dyestuff specialties, the local dealer is literally a ready-made, experienced sales force. With a small line, a manufacturer could not afford to cover the consuming centers of the country regularly with trained and capable salesmen; the dealer simplifies greatly his very difficult selling problem. For even the largest manufacturers, they are in many cases able to handle small orders at a profit which it would not pay the maker to handle direct. Several of the large dye makers use the dealers services in this way and it is certainly noticeable that the violent opposition to the dealer in the dyestuff scheme of things is passing away. Even the manufacturers who five years ago could see no place for the local distributor, qualify their views now by

allowing that the honest dealer, rendering disinterested services in a capable manner, is a real and quite legitimate economic factor.

The Dealer and Imported Dyes

The dealers have their own side of the story to tell. Accused of pushing imported dyes, they reply that they are forced to do so. American manufacturers are altogether too prone, so some dealers maintain, to the belief that they can sell their dyes twice. Their contention is that the manufacturer, after selling them at a price that presumably allows the dealer a profit, will go direct into the dealer's territory, often to mills where they know the dealer is selling, and offer identical dyes at prices that destroy the profit that the dealer must have, and deserves, if he does the sales work. Handling imported dyes, they do not face the direct competition of the maker, and apparently the larger importers, who are often distributing through local men, are wise enough to foster this good will by refraining from competition of this sort.

It is this competition from the manufacturers, which the dealer naturally considers unfair that is the fountain for the dealer's foreign favoritism, although practically all of the better, more foresighted men among them, admit honestly it is a policy they do not relish, for they appreciate that, if the foreign dye manufacturers should by any chance, regain control of our American markets, the lot of the dealer would be even less pleasant than it is today. The threat of the German Dye Cartel is felt by the dealers also, for certainly so large an organization with such a comprehensive line of colors, would build up in the United States a complete sales and distributing force of its own.

Dealers' Future in American Dyes

A great number of the largest dealers have said frankly to "Drug & Chemical Markets," during the course of this investigation of dyestuff sales conditions, that they know perfectly well that in the long run their interests are intimately bound up with the interests of the American dye industry. Nor have they been backward in expressing hopes that a better understanding might develop. It is therefore, most significant to note that several of the best manufacturers, both large and small, are working quietly and sincerely with dealers in whom they have confidence, protecting them in their sales territory, encouraging them to take over the brunt of selling smaller orders, cooperating with them in service to the consumer.

Much business of most dealers is of a very intimate and personal character. He has been long in his territory and has a wide acquaintance among the superintendents, dyehouse foremen, and purchasing agents.

Usually, his overhead is very small, even a large dealer's establishment often costing much less than the branch sales office of a manufacturer where the branch is doing comparable matching or laboratory work. Low expenses and close contact with the consumers, these are the dealer's assets, and where they are supported with practical, technical knowledge of the dyeing problems of his trade, he is in a strategic position.

Is Dye Sales Bribery Increasing?

From the very character of his business he is laid open to charges of commercial bribery, and there is no blinking the plain fact that this is one of the most tightly twisted knots in this knotty problem of dye distribution. This nasty legacy of the German control of our dye markets is known to exist, and if we can believe the whispered rumors it has been increasing, rather than diminishing, during the past few years of very intense competition and disorganized markets. External conditions, which are well known would, of course, confirm such conclusions for which, obviously, there can be no proof positive.

Presumably not all manufacturers are innocent of the dishonest habit of "buying business," and certainly not all dealer are guilty; but the generalization that the dangerous evil is more prevalent among the local distributors would hardly be contradicted. The morals of the problem need no consideration here; but its effect upon business conditions in the dye markets is well worth thought.

Contracts needed, Not Options

For the good of all concerned—makers, dealers, and consumers—stability is greatly to be desired in our dye markets. Firm, sure prices; contracts that are contracts, not mere options; and mutual confidence between buyers and sellers are the basic elements of this stability. Bribery destroys all these, destroys them ruthlessly and so completely that it is almost impossible to build them up again. Furthermore bribery puts a premium on incompetence. It encourages incompetent selling. It fosters incompetent buying. Finally it prompts the improper use of dyes, because the bribed buyer is not going to all pains to see to it that he secures just the best colors on the market for his particular purposes. Neither our dye manufacturers nor our dye consumers can afford for a moment to encourage any misuse of dyes. It is to the advantage of all that the best dye for every purpose is always used.

Less Rule O' Thumb Needed

There are two important and encouraging elements in this bribery problem; the greater employment of technically trained men in the consuming industries and the awakening business conscience which is crystalizing in the fight against business bribery by the Commercial Standards Council. The more that the processes of the consuming industries come under chemical control and the further into the background the old rule o' thumb methods are pushed, the more is buying done by men educated far away from industrial ideas susceptible to bribery. The perfectly neutral reaction in business against the catch-scramble methods that prevailed during the upheaval of the war period is almost certain to pass through Congress the Anti-Commercial Bribery Law which has been drawn up by the Department of Commerce and fostered by the Commercial Standards Council, and which after passing the House last session died in the jam of tax legislation in the Senate. This is a law with real teeth, and enacted would give a tangible club with which to beat down this evil which is not the least of the disrupting factors in the dye situation.

INDUSTRIAL CHEMICAL SECTION

DENY PRUSSATE SUBSIDY AND ACCUSE AMERICAN MAKER

Dutch Manufacturer States Loans From Government Repaid in Full—Claim American Manufacturer Sold In Europe and Japan at Foreign Maker's Price—To Apply for Cut in Tariff Rate

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Amsterdam, May 16.—Dutch prussiate interests deny that they have in any way been subsidized by the Government as recently reported in the States. Loans have been made to a leading prussiate manufacturer by the Netherlands Government, but these have been repaid in full by the manufacturer before payment of any dividends to shareholders. In response to the charges of Government subsidy, claims have been made that a leading maker of prussiates in the United States has sold and shipped in a large way, recently to Liverpool, Barcelona, Glasgow, and also to Japan. The price in each instance, they claim, has been equal to the foreign price and two cents under the American market. The Dutch interests are reported in possession of the evidence of the sales which they indicate will be submitted to the American Tariff Commission in conjunction with a request that the United States tariff duty of two cents per pound on soda prussiate be cut fifty per cent.

For the past two months, a strike has been in progress at the plant of the Stickstoff Cinder Syndicat at Dordrecht causing a shortage of prussiates. Financial difficulties due directly to labor troubles are said to be behind the loans from the government and the municipality, both of which have been repaid in full. Application for reduction of the American tariff to one cent will be made through agents in America and, according to reports, the Dutch manufacturer will attempt to prove that the present move against their prussiates in the United States is to cut them off from American consumers, and to leave the field to the makers there exclusively. It is reported here that an American maker will soon apply for an advance in the tariff rate to three cents.

Importations of yellow prussiate of soda made at the plant of stikstoffbindingsindustrie in Holland have been held up pending inquiry into a loan made by the municipality of Dordrecht which amounts to a bounty and calls for a countervailing duty.

HEAVY CHEMICALS NEEDED IN CUBA

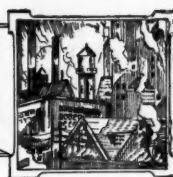
Importations of industrial chemicals into Cuba from the United States showed only a slight gain in 1923 over 1922, amounting to \$1,315,422 against \$1,263,864 in 1922. This was due to large falling off in calcium carbide, caustic soda and bleaching powder, with smaller drops in glycerin, sodium silicate, aluminum sulfate, and copper sulfate. Large gains were recorded by soda ash and baking powder, while sal soda, ammonia and ammonium compounds, formalin, sodium cyanide, borax, washing powder, boric acid, dextrin, potash compounds, sodium carbonate and other sodium compounds registered gains. The sugar industry, upon which Cuba is largely dependent for its prosperity, consumes considerable amounts of industrial chemicals according to Lloyd A. Nolan, Chemical Division, U. S. Bureau of Commerce.

Exports of sticklac from Bangkok during March amounted to 3,037.05 piculs valued at 288,931 ticals, of which 1,321.47 came to the United States according to the Indian Trade Journal.



Industrial Chemical

SECTION



METHANOL INVOICES HELD UP

(Special to Drug & Chemical Markets)

Washington, D. C., June 3.—A preliminary report has been received by the Customs Service from the Appraiser of merchandise in New York in connection with the survey of methanol. The report states that the Appraiser does not know the foreign market price of methanol and he has asked that further investigation be made. In the meantime, he is holding up invoices on this commodity.

British Government chemists have declared poisonous the synthetic methanol imported from Germany. It was offered for sale in London as a basis for making Scotch whisky. Alcohol distillers expressed relief at the decision of the Government chemists. It is understood that the alcohol is made by subjecting waste gases from steel mills to immense pressure.

REPORTS ON CHEMICAL WAGES

Average wages paid during April to employees in the chemical, oil and paint industry in New York State averaged \$28.40 per week according to James A. Hamilton, Industrial Commission. In New York City the average was \$27.27; the average for men in the state at large was \$31.35 and of women \$17.42.

In drugs and chemicals, the average for the state was \$28.04; for New York City, \$22.78; for men \$30.49 and for women \$15.15. In paints, dyes and colors, the state average wage per week was \$26.95; for New York City, \$27.48; for men in the entire state \$27.39 and for women \$15.02.

In miscellaneous chemical products, the state average wage was \$29.93; New York City alone, \$29.32; males for the entire state \$33.63 and females \$19.45.

INCREASES CAPITAL TO \$20,000,000

R. M. Hollingshead Corp., Camden, N. J., has increased its capitalization to \$20,000,000. The company manufactures chemicals, chiefly for household and automobile purposes. The new capitalization, according to R. Bagley, vice president and secretary of the company, will be used to take care of expansion of the business. A new plant is under construction adjoining the company's original building. It will cost more than \$600,000.

Sales in 1920 totaled \$2,500,000. At the present rate of production Mr. Bagley estimated the 1925 output at \$8,000,000. The company's present authorized capital is \$1,000,000 7 per cent. gold bonds, maturing in 1938; \$250,000 8 per cent. preferred stock; \$1,000,000 Class A and \$2,000,000 Class B common stock.

Survey of phosphorus is unwarranted and unnecessary in the opinion of C. C. Concannon, chief of the Chemical Div., Department of Commerce. He bases his opinion on the fact that it is not a raw material but a finished product, and as such would not be considered in the same class with the Department of Commerce surveys on crude rubber, potash and nitrogen.

SUCCESS OF SYNTHETIC METHANOL

IS FAR FROM ASSURED, SAYS EXPERT

Cheapness of German Product No Guarantee of Further Production at Same Price—Had Plant and Raw Materials Ready Without Investment or Cost—Future in U. S. Questionable

That the success of further production of cheap methanol or wood alcohol, as now turned out by Badische at Luena, is far from assured in additional plants in Europe or the United States, is stated by one of the foremost experts of the wood chemical industry of America to "Drug & Chemical Markets." He said: "In numerous discussions concerning the effect of the importation of synthetic methanol from Germany, the question is repeatedly raised as to what will happen to the wood distillation industry when synthetic methanol is manufactured in the United States.

"Those concerned in the carrying on of wood distillation are not at present troubling themselves with this question. The wood distillers will be among the first to admit that if our process can be improved, this country is entitled to the benefit to be derived from such improvements. The wood distillers have no inclination to interfere in any way with the development of synthetic methanol manufactured in the United States. Their only request for assistance now is in the way of protection against imported synthetic methanol. They feel the manufacture of synthetic methanol has been carried on in Germany for such a short time that no one can tell whether it will be a permanent process or not. We must admit that one plant does not represent an industry. We must also admit that the experience of a few months in the operation of one plant does not insure permanent success for operation. We must also admit that it is impossible to draw conclusions from the one plant carrying on operations, due to the fact that the Company operating this plant was not compelled to break ground, construct buildings and install equipment for carrying out this process. On the contrary, this company found buildings and equipment ready made for their purpose left over from the war. In figuring their costs, it is extremely doubtful as to whether proper amortization has been taken into account.

"All visitors returning from Germany report that the plant in question is truly a marvelous plant. They speak of buildings covering many acres, equipment that is ten years in advance of anything we have in this country. Some of them also mention the fact that there has been free hydrogen gas and carbon monoxide gas going to waste in this vicinity in connection with other operations. In the light of these facts, it is hardly safe to assume that any company could begin at the bottom, even in another locality in Germany, construct buildings, install equipment, and operate at sixteen cents per gallon."

Ozark Chemical Co., Platteville, Wis., will erect a plant at West Tulsa, Okla., for the production of acids, comprising one-story and basement, cost \$40,000, including machinery.

TRADE BODIES MAY EXCHANGE COST AND PRICE DATA SAYS SUPREME COURT

Test of Anti-Trust Law by Cement Manufacturers and Maple, Floor Manufacturers Associations Results In Victory for Defendants—Dissenting Opinions Filed By Chief Justice Taft and Justices McReynolds and Sanford, Citing the Linseed Oil Case.

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., June 3.—The U. S. Supreme Court handed down two decisions this week to the effect that trade associations do not violate the anti-trust laws in gathering and disseminating among their members information as costs and quantity of production, stock conditions and sale prices, and cannot be prosecuted for so doing. The decisions were given in the cases of the Maple Floor Manufacturers' Association and the Cement Manufacturers' Protective Association, both of which had been found guilty by the lower courts of breaking the anti-trust law. The Government contended that under the guise of exchanging trade information these associations had virtually formed and were operating a commercial pool in defiance of the Sherman act.

The court was not unanimous in the opinion, Justice McReynolds submitting a dissenting opinion which held the activities of the organizations had been proved unlawful under the decisions already laid down by the court in the hardwood lumber and linseed oil cases and Chief Justice Taft and Justice Sanford dissented on somewhat similar grounds.

The dissenting opinion by Associate Justice McReynolds stated:

"These causes disclose carefully developed plans to cut down normal competition in interstate trade and commerce. Long impelled by this purpose, appellants have adopted various expedients through which they evidently hoped to defeat the policy of the law without subjecting themselves to punishment.

"They are parties to definite and unusual combinations and agreements, whereby each is obligated to reveal to confederates the intimate details of his business and is restricted in his freedom of action. It seems to me that ordinary knowledge of human nature and of the impelling force of greed ought to permit no serious doubt concerning the ultimate outcome of these arrangements. We may confidently expect the destruction of that kind of competition long relied upon by the public for establishment of fair prices and to preserve which the Anti-Trust act was passed.

"United States v. American Linseed Oil Company, 262 U. S. 371, states the doctrine which I think should be rigorously applied. Pious protestations and smug preambles but intensify distrust when men are found, busy with schemes to enrich themselves through circumventions, and the Government ought not to be required supinely to await the final destruction of competitive conditions before demanding relief through the courts. The statute supplies means for prevention. Artful gestures should not hinder their application.

"I think the courts below reached right conclusions and their decrees should be affirmed."

Sodium arsenate as an effective weed killer is discussed in a report of the United States Department of Agriculture in connection with its activities in the destruction of the common barberry, which is a carrier of wheat rust. Arsenic, it has been found, can be used with no apparent damage to the soil. Its danger to livestock is also discussed in the report, copies of which can be had upon application to the Department of Agriculture.

INDUSTRIAL CHEMICAL SECTION

Trade Notes and Personals

Swift & Co., have been awarded a government contract for 500 gallons crude glycerin at \$1.98 gal.

American Soap Co., Phoenix, Ariz., is manufacturing liquid soap and a soap that does not require water.

Arthur D. Little, president Arthur D. Little, Inc., chemists and chemical engineers, Cambridge, Mass., was elected a director of the Boston Chamber of Commerce at the recent annual meeting.

Carl E. Voigt, for twenty-nine years with Peters, White & Co., and for the past year with Parsons & Petit, New York, left the latter firm June 1, and is now associated with Gibson, McCabe, Inc., in Charleston, S. C.

Sodium carbonate imported into Belgium during 1923 totaled 51,819 metric tons against 47,959 tons in 1922. Sodium sulfate imports totaled 19,316 tons in 1923 against 22,893 tons in 1922. Caustic soda imports were 14,824 tons in 1923, and 10,986 tons in 1922.

The Department of Justice has filed in the United States Supreme Court an appeal in its suit to recover German patents from the Chemical Foundation. The Government lost in both the District Court of Delaware and in the Circuit Court of Appeals, Philadelphia.

Copper production in this country in April totaled 140,864,000 lbs., against 149,802,000 lbs. in March, 137,934,000 in February, and 148,524,000 lbs. in January. Production for the first four months of this year was at the yearly rate of 1,731,372,000 lbs. against output in 1924 of 1,586,754,000 lb.

The Interministerial Nitrogen Commission has proposed the creation of a national nitrogen industry in Czechoslovakia to cover its consumption requirements, according to a cable received last week by the Department of Commerce. The plan includes rehabilitation of old plants and the construction of new ones.

Although a good market exists in Spain for insecticides, a prejudice against this class of products is already established in that country due to the failure of formerly advertised products to fulfill the claims made for them. Proper sales methods by American concerns, however, should be able to overcome this, according to a consular report to the Department of Commerce.

SARGENT TO ADVISE TRADE ASSOCIATIONS

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., June 3.—Attorney General Sargent will attempt to reconcile out of court trade association activities and the law, by offering to assist associations individually in their problems. Under the plan attributed to Mr. Sargent, a trade association may voluntarily submit its plans to the Department of Justice for an informal opinion as to whether any phase of its projected program is illegal, and he gives some assurance to associations acting in good faith that they will not be prosecuted for infringing upon the anti-trust laws.

The Department of Justice reserves the right to prosecute if the association in carrying the plan into execution uses a legal plan for illegal purposes. The foremost problem to be put up to the Department of Justice is the legality of statistical services rendered by associations to their members. Several associations will accept the invitation of Mr. Sargent to lay their cards on the table for a decision.

NEW CHEMICALS SHOWN AT EXPOSITION

All branches of American chemistry are represented in applications for entry in the Court of Chemical Achievement, in connection with the Tenth Exposition of Chemical Industries, which will be held during the week of Sept. 28 to Oct. 3, at the Grand Central Palace, New York. Diversity in chemical developments in the United States over the last few years is indicated by the entries, which must be passed upon by a Committee of the American Chemical Society before they can actually become part of the Court of Achievement.

Some of the more prominent products include a new heat resisting alloy of unusual properties, recent developments in condensation resins, synthetic malic acid, groups of higher alcohols now on a commercial basis, furfural and its derivatives, a new abrasive, new phthalic anhydride process, new water softening process by use of sodium aluminum silicate, new products of digitalis, dextrose of a high purity and unusual nature, the chemical development of new optical glass, and others.

ARBITRATION SOCIETY ELECTS OFFICERS

The Arbitration Society of America elected Richard Washburn Child president at the annual meeting at the Lawyers' Club 115 Broadway, on Thursday, May 28. Mr. Child was formerly U. S. Ambassador to Italy. With Mr. Child will be associated as vice president Judge Moses H. Grossman, in charge of educational work; William C. Redfield, in charge of the work of the joint transportation committee; Franklin Simon, in charge of trades committees, and Thomas B. Paton, of the bankers' arbitration committee. Mr. Child will also have the active co-operation of Charles M. Schwab, chairman of the general committee; Jules S. Bache, treasurer, and Charles E. Heitman, secretary of the Board of Governors.

URGE ARBITRATION OF CHEMICAL SUITS

Representatives of the industrial chemical trade met May 27 under the auspices of the Arbitration Society of America at a luncheon-conference at the Lawyers Club, 115 Broadway, to consider arbitration in the chemical field. The question was referred to the following committee: Robert J. Baldwin, Chlorine Institute; F. S. Farleigh, 99 John st., New York; P. Samuel Rigney, Roessler & Hasslacher Chemical Co.; B. R. Tunison, U. S. Industrial Alcohol Co., and Williams Haynes, president of Drug & Chemical Markets, Inc. Two additional members, were selected by the Committee at its first meeting Friday, May 29, at the Lawyers Club.

In London, recently, Ivar Kreuger, managing director of Swedish Match Co., told shareholders that the entire Swedish match industry was combined in their one company, and that they were handicapped by high exclusive tariffs, notably in Australia and India. This is being met by opening factories in these countries. "We have two newly built factories in India," he said, "and are building two more and acquiring two established factories. Before long, there will not be any country where we will not have import trade or a local match factory."

American Bureau of Metal Statistics, New York, has issued the fifth annual year book of the Bureau. The production, stocks, operating details, imports and exports, consumption and prices both here and abroad as well as numerous other statistics pertaining to copper, lead, zinc, gold, silver, and other metals are given.

IMPROVEMENT IN HEAVY CHEMICAL EXPORTS AND IMPORTS DURING APRIL

Shipments of Sulfur and Dyes Larger Than in April 1924—Imports of Fertilizers Double Those of a Year Ago—About 155,000 Tons of Nitrate of Soda Included in Imports—Exports of Aluminum Sulfate Less Than in April, 1924.

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C. June 3.—Imports and exports of industrial chemicals registered improvements in the current April compared with the preceding April, with the exports valued at \$2,116,000 exceeding the imports by \$156,000. Larger amounts of aluminum sulfate, acetate of lime, bleaching powder, copper sulfate and glycerin were sent abroad during April of this year than last, and sales of sodas and sodium compounds, although recording a 15 per cent. advance in quantities shipped, fell 5 per cent in values, the total being 28,658,000 pounds, worth \$668,000, says the Chemical Division, Department of Commerce. Shipments of sulfur during April were large, 47,000 tons, valued at \$799,000 having been exported.

Imports of fertilizers and fertilizer materials amounting to 247,000 tons, valued at \$9,316,000, were double those of the previous April, and the exports amounting to 86,000 tons, valued at \$1,561,000, were 11 per cent. less. Seventy-nine per cent. of the total of this group or 165,000 tons, (\$7,361,000) was made up of sodium nitrate. The other leading fertilizers imported in April, 1925 were ammonium sulfate, 2,000 tons, valued at \$100,000; calcium cyanamide, 6,000 tons, \$319,000; muriate of potash, 14,000 tons, \$480,000; and crude potassium sulfate, 3,000 tons, \$140,000.

Although the exports of ammonium sulfate during April, 1925, were less than those of April, 1924, they were higher than for any other month this year, 9,600 tons, valued at \$543,000 having been sent to foreign countries. Sales of high grade hard phosphate rock to the amount of 24,000 tons valued at \$326,000 were larger than for some months past while those of land pebble (26,500 tons, valued at \$120,000) were lower. Exports of superphosphates equalled 15,750 tons worth \$190,000, and of prepared fertilizer mixtures, 3,500 tons, worth \$169,000.

Imports of coal-tar chemicals exceeded the exports by \$350,000, and attained a total valuation of \$1,280,000 for the month of April, 1925. Slightly less than 3,000,000 gallons, valued at \$373,000 of dead or creosote oil, a figure considerably smaller than for some time past, were imported during the month.

Compared with April of 1924, both the imports and exports of colors and dyes showed gains of over one-hundred per cent but these gains were due to the unusually small shipments in April, 1924, rather than to large shipments for the current April, when imports amounted to 538,000 pounds, valued at \$769,000, and exports to 2,172,000 pounds, \$675,000.

To prevent rust and corrosion of steel reinforcement bars imbedded in concrete, they can be dipped in sodium silicate solution and then dusted with pure dry Portland cement before placing in position and pouring the concrete, says the last issue of "P's & Q's," issued by the Philadelphia Quartz Co., Philadelphia. The alkalinity of the silicate prevents rusting and secures a strong adhesion between the bar and surrounding concrete. The process is cheap and will prevent much crumbling of concrete now due to rusting and expansion of the steel.

The Heavy Chemical Market

Current Spot Quotations for Heavy Chemical pages 1654-1679

FORMIC ACID AND POTASH ALUM FIRMER

Market Cleaned of Distressed Lots of Alum—Sodium Prussiate Firmer as Liquidation of Imports Is Suspended—Oxalic Acid Strong—Tin Salt Prices Unchanged for June—Sal Ammoniac and Arsenic Steady.

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Acid Formic, 34c lb. Alum Potash, Imp., 20c 100 lb.

Declined
No Declines.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetic Acid, Glacial ....lb.\$	.10	.10	.11	.11	.19 ¹ / ₂	.07
Sulfuric Acid, 66 deg. ton	14.00	14.00	14.00	14.00	35.00	20.00
Ammonium Sulfate, 100lbs.	2.75	2.75	2.75	2.70	7.50	2.65
Bleaching Powder, 100lbs.	1.90	1.90	1.90	1.90	9.50	1.90
Copper Sulfate, c/l ..100lb.	4.65	4.65	4.65	4.65	20.00	4.50
Potash, Caustic, Imp ...lb.	.07 ³ / ₄	.07 ³ / ₄	.07 ³ / ₄	.06 ³ / ₄	.87	.60
Soda Ash, 58 p.c....100lb.	1.94	1.94	1.94	1.94	3.50	1.60
Caustic Soda, 76 p.c.100lb.	3.66	3.66	3.66	3.66	9.50	1.42
Potassium Bichromate..lb.	.08 ³ / ₄	.08 ³ / ₄	.08 ³ / ₄	.09 ¹ / ₄	.65	.06 ³ / ₄
Sodium Prussiate, Imp. ..	.10 ¹ / ₂	.10 ¹ / ₂	.10	.09 ³ / ₄	1.25	.18
Average	2.926	2.926	2.927	2.922	10.79	2.99

The market for sodium prussiate continues to attract attention since the liquidation of future imports of material manufactured by a Dutch concern has been suspended by the Treasury Department pending an investigation to determine whether the company is being subsidized. Large importers will be unable to make contract deliveries and the domestic makers will be the only factors with large offerings. At the present time imported material is practically unobtainable on spot.

Steadiness continues to characterize the entire list of industrial chemicals and price changes are few and slight. The average of chemical prices which sagged slightly during April has recovered to the same position that it occupied during March. This appears to be a very good indication for this time of the year with the dull season approaching. Spot trading remains of small proportions but large shipments are still being made on contracts, although a seasonal decline is reported.

Acetone—Firm condition reported at recent advance to 12c lb. in tanks and carlots of large drums.

Acid Acetic—Market steady with slightly smaller volume moving at recent decline to following prices for carlots of barrels: 28% \$3.00 100 lb.; 56% \$5.60; 70% \$6.89; 80% \$7.73; glacial \$10.57.

Acid Formic—Firm market reported and 90% material is firm at 11c. while 85% is being maintained at 10¹/₂c lb.

Acid Oxalic—Imported is very firm at 10³/₄c@11c lb. with only small offerings at the lesser price. Shipment quotations are quoted at 10³/₄c lb. duty paid. Domestic makers quote unchanged prices of 10³/₄c@11c lb. at works and New York, and report an active demand.

Alum Potash—Market for imported material is again in a firm condition and nothing is obtainable under \$2.75 100 lb. Domestic makers are maintaining a firm market at unchanged prices.

Ammonium Chloride—Situation remains unchanged and imported material is freely offered at 5¹/₄c@5¹/₂c lb for white and 6¹/₂c@6³/₄c lb. for gray. Domestic manufacturers are quoting firm unchanged prices.

Arsenic—Market steady although a quiet condition is reported. Prices are fairly well maintained at 5c@5¹/₄c lb for spot Japanese material.

Barium Salts—Chloride remains in a weak condition and imported material on spot is quoted at \$60.00@\$63.00 ton as to quantity for large crystals in barrels. Carbonate is slightly firmer and prices are \$50.00@\$52.00 ton. Nitrate quotations show no variation.

Bleaches—The market for bleach shows no easiness in any quarter and both importers and domestic makers are experiencing no difficulty in obtaining unchanged prices. Chlorine prices are being firmly maintained in all quarters owing to a steadily increasing demand.

Carbon Tetrachloride—Stocks are not of more than comfortable proportions and a sustained active demand continues to hold prices firmly at unchanged figures.

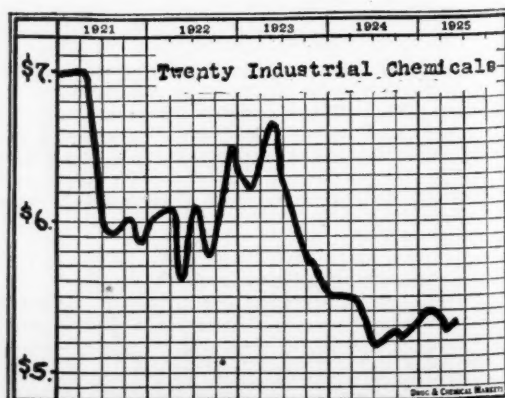
Copper Sulfate—No change reported in the situation and prices remain at recent low figures with supplies large in most quarters.

Potash Caustic—Both importers and domestic makers report a firm market with no accumulation of supplies. Quotations show no variation in any quarter.

Potassium Prussiate—Market for the yellow material firmly maintained at 18¹/₂c@19c lb. as to quantity. Red variety remains at recent prices.

Soda Caustic—Domestic makers report no change in the firm condition of the market and the balance between production and consumption is being maintained without difficulty.

Sodium Cyanide—Prices are firm in all directions and factors are reporting a heavy demand.



Sodium Nitrate—Large stocks and slight demand continue to hold the market in an easy condition at recent reduction to \$2.55 100 lb. for spot material. June shipment has been advanced to \$2.57½; early July shipment is named at \$2.55; and late July at \$2.45.

Sodium Prussiate—Imported material practically unobtainable on spot and liquidation of future imports from a large Dutch producer has been suspended pending an investigation by the U. S. Government. Domestic prices are quoted firmly at 10½¢@10¾¢ lb as to quantity.

Sodium Sulfide—Firm market continues in all quarters and offerings are not large from any maker.

Tin Salts—Quotations for June are the same as for May and makers quote bichloride at 15½¢ lb.; crystals at 38½¢ lb.; and tetrachloride at 31½¢ lb.

SODIUM NITRATE PRICES FIXED

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Valparaiso, May 30.—Sodium Nitrate prices for the period from June 1, 1925, to May 31, 1926, have been fixed today at Directorate Extraordinary Meeting. The following schedule is named: June 19s 3d; July 19s 4d; first half Aug. 19s 5d; second half Aug. 19s 7d; first half Sept. 19s 9d; second half Sept. 19s 11d; first half Oct. £1 0s 1d; second half Oct. £1 0s 3d; first half Nov. £1 0s 4½d; second half Nov. £1 0s 6d; first half Dec. £1 0s 7d; second half Dec. £1 0s 8d; Jan. 1 to May 31 £1 0s 9d.

The Dominion Bureau of Statistics reports a marked decline in the production of arsenic from Canadian ores. During 1924 the output amounted to 4,621,567 lbs. compared with 6,421,587 lbs. in 1923. Of the output of 1924, 3,596,165 lbs. consisted of white arsenic; 495,250 lbs. was contained in concentrates shipped to smelters in the United States and 530,152 lbs. in concentrates sent to Europe for treatment.

C. Wilber Miller, president Davison Chemical Co., fertilizer manufacturers, says the present year has been a very profitable one for his concern and promises to be the first normal year for fertilizers since 1920. Sales of the Davison Co. for the rest of the year are placed at nearly 100% of capacity with sales up to this time practically double those of last year.

J. L. E. Cheetham, superintendent of the pigment plant of E. I. du Pont de Nemours & Co., at Newark, N. J., has been made general plant manager of Lazote, Inc., the synthetic ammonia subsidiary of Du Pont. Mr. Cheetham will spend July, August, and September at the five Lazote plants in France.

James Kilcommons of the sales staff of Kalbfleisch Corp., New York, announces the arrival of a son, James Dillon Kilcommons, born May 26, in New York.

The bureau of supply, Treasury Department, has awarded Grasselli Chemical Co. a contract for 400 carboys of hydrochloric acid at \$1.00 100 lbs.

United Sanitary Products Co. is now located in the Creeo Building, Long Island City, N. Y. Telephones 6447 and 6448 Stillwell.

A. Daigger & Co., Chicago, have been awarded a government contract for 2,200 pounds sodium cyanide at 24¢ a pound.

Innis, Speiden & Co., Inc., have filed judgment for \$297.16 in New York County against Flint Rock Corp.

GERMANY FLOODS ITALY WITH CHEMICALS

Her Terms of Payment Much More Favorable Than Are Granted by Other Exporting Countries

Prices of certain chemical products, such as dyes and medicines, were kept below the level of actual prices on the German market during 1924, writes E. Hinnes of the Commercial Attache's office, Rome. Prices in Italy are determined in Italy by the sale of considerable quantities of dyes and medicinal chemicals received on account of reparations by the Italian Government at prices below current market quotations. The month of December was characterized by a sustained demand for chemicals on the part of the tanning industry. Consumption from dye, soap and paper manufacturers was less active.

One of the most salient features of the chemical trade at the start of 1925 was the growing importation of German products. During the first quarter France, as a consequence of the depreciation of the franc, figured as an important source of supply of chemicals to Italy. Germany was out of the market during the first months of 1924, but by the close of December had forged far ahead of her competitors as a purveyor of chemicals to Italy. Germany is better organized than England, France, or the United States for marketing chemical products in Italy. Her terms of payment and credits are reported to be much more favorable than those granted by other exporting countries, and the distribution service is far more perfect. In fact, many important German houses keep representatives in Italy which practically amount to branch offices of the mother house with large warehouse stocks, thus enabling them to make spot delivery direct to customers. It is the policy of German chemical manufacturers to encourage the growing inclination of the consumer to treat direct with the manufacturer rather than through the intermediary of various middlemen.

The index number for prices of chemical products as compiled by the Milan Chamber of Commerce, in sympathy with the general upward price trends in other industries, showed a further increase in January to 548.1, compared with 537.5 in December. Spurred on by the prospect of further price increases in the future, the demand was active, and while offers were also abundant, there was no indication of any weakening in prices. In general, the activity of the market throughout the entire month was above average in all heavy chemicals.

The Board of United States General Appraisers, in a recent decision sustains a protest of Truempy, Faesey & Besthoff, Judge Brown finding that certain fertilizer, assessed at 25 per cent ad valorem under paragraph 5, Tariff Act of 1922, as a mixture of chemical salts should have been permitted free entry, as fertilizer, under paragraph 1583, act of 1922, as claimed by the importers.

Elon H. Hooker presented his Muscle Shoals plan to President Coolidge, recently, explaining that the Government would retain title to the property and lease it to private interests. A portion of the profits would be paid to the Government. The plan is known as the Hooker-White offer and will be laid before the Muscle Shoals Commission.

John Hugh Dickenson Co. has been awarded a Government contract for 155,100 pounds of calcium chloride at \$3,354.85. The Pacific Silicate Co. will furnish 119,500 pounds at \$3,618. Bids for these items were received on April 28.

The Intermediate and Dye Market

Current Spot Quotations for Intermediates, see Chemicals pages 1654-1679

BENZENE ADVANCED TO 23c GAL. FOR 90%

Pure Firm at 24c gal.—Sharp Increase in Industrial Demand—Other Light Oils Strong—Dimethylaniline Cut 1c lb.—Pyridine Advances Again—Meta-Nitro-Para-Toluidine Lower—Slight Increase Reported in Intermediate Demand.

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

	Advanced					Declined				
	Today	Last Week	Last Month	Last Year	War Peak	Today	Last Week	Last Month	Last Year	War Peak
Benzene, 1c gal.						Pyridine, 15c gal.				
Dimethylaniline, 1c lb.						Meta-Nitro-Para-Toluidine, 10c lb.				
Trend of the Market										
Benzene, pure .....	.24	.23	.23	.25	1.10					
Naphthalene flake .....	.05	.05	.05	.05½	.16					
Phenol Spot .....	.24	.24	.24	.28	1.50					
Toluene .....	.26	.26	.26	.26	..					
Aniline Oil .....	.16	.16	.16	.16	1.40					
Alpha-naphthylamine .....	.35	.35	.35	.35	1.28					
Benzaldehyde .....	.70	.70	.70	.75	1.50					
Benzenesulphonic acid .....	.74	.74	.74	.74	1.50					
Dimethylaniline .....	.32	.33	.33	.36	1.30					
Paranitroaniline .....	.58½	.58½	.60	.70	1.58					
Average .....	.314	.314	.316	.343	..					

A decided increase in the industrial demand for light oil distillates is reported over the week and all signs of easiness have disappeared as regards the entire list. Low priced sellers of pure benzene are entirely sold-up and the 90% product has been advanced by distributors owing to a further advance of 1c per gallon being announced in tank wagon gasoline prices. Supplies of toluene and solvent naphtha, while not in a tight position, are not accumulating and several factors are unwilling to book any more business. Pyridine has recorded a further advance owing to rather active inquiry in the market. Cresylic acid pursues a steady course at firm figures and phenol and naphthalene continue firm but quiet.

The demand for intermediates has shown a slight increase over the last two weeks owing to increased activity on the part of dyestuff manufacturers. Prices remain firm in all quarters although some lower quotations have been announced owing to lower raw materials. Factors are unwilling to anticipate a sharp increase in demand immediately, and are rather inclined to think that only a slight request will be felt until the late Summer or early Fall.

Crudes

Benzene—Distributors with available supplies have advanced quotations on 90% benzene to 23c gal. in tanks, and are firm at 24c gal. in tanks for the pure material. A sharp increase in demand for both pure and 90% has been noticed over the week, and this coupled with a further rise of 1c gal. in tank-wagon gasoline prices is responsible for the strong market.

Cresylic Acid—Steady position maintained and prices are firm at unchanged figures owing to spot offerings being held by a few strong hands.

Naphthalene—Quietness continues and stocks remain large but in manufacturers hands. Quotations are unchanged in all quarters.

INDUSTRIAL CHEMICAL SECTION

Phenol—Steady market reported by factors who quote firm unchanged prices although the demand is still of rather slight proportions.

Pyridine—Further advance recorded over the week and the market is now quoted firmly at \$4.50 gal. drums included. A rather active inquiry is reported. Shipment is higher at \$4.35 gal.

Solvent Naphtha—Steady demand reported and all easiness has disappeared. While offerings are available in some quarters for immediate delivery stocks are not large and most of factors have nothing to offer.

Toluene—Although prices remain unchanged the market is very firm and supplies are not large and are available in only a few quarters. Industrial demand has increased and no accumulation of supplies is likely at present.

Xylene—Commercial product moving steadily with supplies not available from all distributors. Prices on all grades are being maintained at unchanged figures.

Intermediates

Acid H—Prices are maintained at unchanged figures by makers and a slight increase in demand is reported.

Acid Laurent's—Quiet condition reported by manufacturers although prices are firm and unchanged in all quarters.

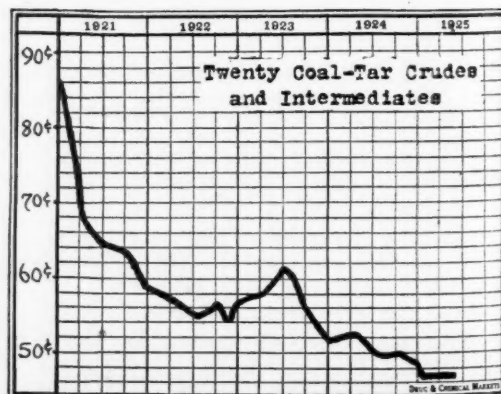
Acid Metanilic—Slight routine movement of supplies reported at unchanged prices from makers.

Acid Naphthionic—Technical and refined products in quiet condition but makers quote firm unchanged prices.

Acid N & W—Quotations remain the same from leading manufacturers and a fair request is reported.

Aniline Oil—Increased demand noted during the week although stocks remain large. Quotations show no variation from any maker.

Dimethylaniline—Quotations have been lowered 1c lb. owing to lower prices for methanol. Makers quote 32c lb. for carlots, and 33c @ 34c lb. for less than carlots.



Dinitrobenzene—Manufacturers report a fair request for this product and quote recent prices.

Ethyl-Benzyl-Aniline—Quotations are being maintained at recent figures by all makers and a routine demand of only fair proportions is reported.

G-Salt—Paste is named at unchanged prices by makers. Stocks are reported to be of generous proportions in all quarters.

Meta-Nitroaniline—Manufacturers quote the same prices in all transactions and report a quiet condition.

Meta-Nitro-Para-Toluidine—Lower quotations named by makers owing to weak market for para-toluidine. Prices are now named at \$1.90 @ \$2.00 lb. as to quantity. Demand is only routine.

Meta-Phenylenediamine—Market firm although the demand is small. Quotations show no variation.

Nitrobenzene—Makers are adhering strictly to their schedules in all transactions. A fair sized demand is reported.

Ortho-toluidine—Sold-up condition continues to be reported in all quarters and quotations remain nominal.

Para-Nitroaniline—Market remains subject to keen competition and recent low prices are still being done by all makers.

SMALL ORDERS FOR DYES INCREASES (Special to Drug & Chemical Markets)

Boston, Mass., June 3.—The demand for dyes and chemicals has failed to respond to the better tone generally reported in New England business conditions, but just as there is a lull before a storm, traders here believe that the slower business reported in some houses this week, precedes better business. Taking the local chemical trade as a whole, a slightly larger volume of business has been done the past week, through more numerous small orders. Generally speaking prices are well maintained, although concessions are occasionally made. In dyestuffs there is not as much promise of betterment although improvement is reported in the leather business and it is expected that the tanners will be heard from soon. Prices of dyestuffs are unchanged.

Myrobalans are the fruits of the forest giant tree "Terminalia," which is found in Java, especially in the eastern and central parts of the island. The tree is very well adapted for regular cultivation. As the tannin occurs in the fruits, much less care is needed to obtain a saleable product than is the case with barks. The tannin obtained from the myrobalans gives leather a beautiful color much sought after.

Among the tanning materials employed by leather tanners in Java, the bark of cassia fistula, Linn., called trengguli or tangguli, takes an important place, because it produces clear colored leather. The tree is found all over Java in the low-lying lands. The percentage of tannin in the bark is about 15. It has proved to be possible to prepare an extract, which is said to surpass the best catechu for tanning nets.

Dyeing cellulose acetate in the form of artificial silk fibers, yarn, or threads, by insoluble or difficultly soluble dyes can be effected by pretreatment of the dyes with fatty acids such as stearic, palmitic, or oleic, or their sodium or ammonium salts. This method is adaptable for dyeing mixed goods of acetate silk and cotton or wool.

Hydrocarbon Products Co., 39 Cortland st., New York, are acting as selling agents for products of crude ammoniacal liquor and tar in addition to light oil distillates.

Dyestuff Notes

A. Wilhelm Co. has been awarded a government contract for 2,500 pounds chrome yellow at 17c lb.

National Aniline & Chemical Co. has issued the May number of "Dyestuffs," in which are the following articles: "Some Problems in Bleaching, Dyeing and Finishing," "The Dyeing of Recovered Wool," "The Mordant Colors on Wool," "Water Supply for Mills," and "The Dewooling and Pickling of Sheep Skins."

After long experimentation by the Bureau of Entomology, Washington, the fishy odor of trimethylamine was found to be particularly attractive to the boll weevil. The Bureau intends to experiment further as to the practicability of combining poisons with trimethylamine to attract the weevil away from the cotton plants to his doom.

Germany's proposed new tariff gives the following increases on mineral colors: Prussian Blue from 10 gold marks per 100 kilos to 25; ultramarine from 15 to 30; red and white lead from 1 to 4; zinc oxide from 2 to 5; lithopone from 2 to 3; red mercuric oxide from 10 gold marks per 100 kilos to 20 gold marks. Coal tar dyes are on the free list.

The annual statement of Standard Dyewood Co. for the year ended Dec. 31, 1924, is as follows: Assets: Machinery, \$3,000; autos, trucks and teams, \$400; merchandise, \$2,205; accounts receivable \$1,293; cash, \$1,459; profit and loss, \$15,563; total, \$23,920. Liabilities: Common stock, \$1,030; accounts payable, \$16,290; notes payable, \$6,600; total, \$23,920.

E. I. du Pont de Nemours & Co. have offered the Government an indanthrene golden orange for dyeing khaki for uniforms. It is said to be a fast vat dye. Newport Chemical Co. also is making a golden orange dye for this purpose. It is proposed that the War Department test the khaki by dyeing about 5,000,000 yards and distributing the uniforms in all climates where American soldiers are located.

The percentage of tannin in pilang bark, which has been used with success for a long time in the leather tanneries at Sourabaya, Samarang and Solo, Java, amounts to 10 to 15 per cent. Piling bark produces a soft leather, clear in color. If firmer leather is desired, the material must be mixed with other tannins which do not dye the leather too dark. Mixture with mangrove bark gives good results.

Exports of logwood extract during April totaled 193,533 pounds valued at \$21,255, and exports of other dye extracts 93,650 pounds, valued at \$12,748. Exports of crude dyeing and tanning materials totaled 652 tons, valued at \$15,058. April exports of chestnut tanning extract were 711,275 pounds, valued at \$18,262, and exports of other tanning extracts, vegetable and chemical, totaled 1,459,427 pounds valued at \$80,751.

Victor Blagden, chairman of British Chemical & Dyestuffs Traders Association, has protested to the British Government against the methods used in administering the Safeguarding of Industries Act and the Dyestuffs Act. Mr. Blagden contends that the acts were distorted by the Government and that they were used as weapons to destroy chemical and dyestuff merchant traders. Not the slightest attention was given to the interests of traders, he says, and Government agents deliberately went out of their way to restrict trading activities.

The Oil Market

Current Spot Quotations of Oils, Greases, pages 1679-1680

COTTONSEED, LINSEED, AND OLEO OILS UP

Stearine also Advanced—Olive Oil Foots Unsettled—Olive Oil Shaded in Some Quarters—Edible Tallow Lower—White Grease Cut Again—Tallow Oil Reduced—Market Generally Firm for This Time of Year

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Cottonseed Oil, Crude, $\frac{3}{4}$ c lb.	Oleo Oil, $\frac{3}{4}$ c lb.
Cottonseed Oil, P.Y.S., $\frac{3}{4}$ c lb.	Linseed Oil, 1c gal.
Stearine Oleo, $\frac{3}{4}$ c lb.	
Declined	
Grease, White, $\frac{3}{4}$ c lb.	Olive Oil Foots, $\frac{3}{4}$ c lb.
Lard Oil, $\frac{3}{4}$ c to 4c lb.	Tallow, Edible, $\frac{3}{4}$ c lb.
Tallow Oil, $\frac{3}{4}$ c lb.	

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Cod Oil, N. F.....gal.	\$62	\$62	\$62	\$64	\$126	\$26 $\frac{1}{2}$
Degras, American, bbl..lb.	.049 $\frac{1}{4}$	.049 $\frac{1}{4}$	.049 $\frac{1}{4}$	.049 $\frac{1}{4}$	.28	.08 $\frac{1}{2}$
Lard No. 1.....gal.	.85 $\frac{1}{4}$	.85 $\frac{1}{4}$	.85 $\frac{1}{4}$	.85 $\frac{1}{4}$	.79	.92
Menhaden, crd. tks.....gal.	.55	.55	.55	.50	1.20	.33
Neatsfoot, 20 deg. c.t.gal.	1.22 $\frac{1}{2}$	1.22 $\frac{1}{2}$	1.22 $\frac{1}{2}$	1.38	3.45	.95
Red Oil, distilled.....lb.	.12	.12	.12	.09 $\frac{1}{4}$	.17	.07
Stearic Acid, T. P.....lb.	.16 $\frac{1}{4}$	.16 $\frac{1}{4}$	.16 $\frac{1}{4}$	.15 $\frac{1}{4}$	.33	.12
Cocunut, Ceylon, bbls..lb.	.10 $\frac{1}{4}$	.10 $\frac{1}{4}$	.10 $\frac{1}{4}$	.09 $\frac{1}{4}$	.30	.14
Cottonseed, crude, tanks lb.	.09 $\frac{1}{4}$	.09 $\frac{1}{4}$	.09 $\frac{1}{4}$	.07 $\frac{1}{2}$	.25	.08
Linseed, crude.....gal.	1.07	1.06	1.03	.94	1.85	.57
Olive, denatured.....gal.	1.15	1.15	1.15	1.21	4.50	1.05
Peanut, refined.....lb.	.15	.15	.15	.15 $\frac{1}{4}$	.30	.08
Soya Bean, bbls.....lb.	.12 $\frac{1}{2}$	.12 $\frac{1}{2}$	.12 $\frac{1}{2}$	.12	.19 $\frac{1}{4}$	.07
Average.....	.0483	.0482	.0483	.0476	1.20	.0592

Vegetable oils maintained steady positions over the week with few exceptions. Spot quotations on most products are below shipment prices from abroad, but consumers will have to display considerably more interest in order to strengthen prices to shipment levels. Crushers have advanced linseed oil quotations, but admit that business is still being done at the old prices in some cases. Olive oil foots continue in large supply on spot and resale factors have broken the market further. Mixed tendencies are present in animal oils and several advances as well as several declines are reported. City extra tallow is unchanged and this indicates the strength of the general situation since tallow prices are generally cut sharply at this time of the year. No change is reported in fish oil quotations and factors are reporting a quiet situation.

Vegetable Oils

Castor Oil—Small demand reported although prices are being maintained at former figures in all quarters.

Chinawood Oil—Rather unsettled and sales have been made as low as 12 $\frac{1}{4}$ c lb. Most holders name 12 $\frac{3}{4}$ c lb. for bbls. on spot but shading might be possible from weak holders. Tank quotations are unchanged.

Coconut Oil—Fairly steady market reported by factors and prices are unchanged on all grades due to no great accumulation of stocks in any quarter.

Corn Oil—Market remains in an easy condition and, although prices are quotably unchanged, shading of present figures is understood to be taking place in some directions.

Cottonseed Oil—Crude oil has firmed considerably during the week and bids are higher at 9 $\frac{1}{4}$ c lb. Prime Summer yellow also developed additional strength and

at the close was quoted at 10 $\frac{1}{4}$ c@11c lb. as to position from June to Jan. with Sept. bringing the highest prices.

Linseed Oil—Seed markets recorded advances during the week and crushers advanced their prices 1c gal. Due to the quiet demand crushers were unable to maintain these figures in all instances and shading was admitted in some quarters. Quotations are: carlots of bbls. \$1.07 from June to Aug.; tanks \$1.01. Seed markets opened this week with Minneapolis quoted at \$2.75 for July; and \$2.58 for Sept.; Duluth \$2.78 $\frac{1}{2}$ for July; and \$2.58 $\frac{1}{4}$ for Sept.; Winnipeg \$2.50 for July; and \$2.38 $\frac{1}{2}$ for Oct.; Buenos Aires \$2.18 $\frac{1}{2}$ for June. Linseed oil at London is higher at 46s 9d; and at Antwerp higher quotations are named at 417f.

Olive Oil—Due to heavy arrivals and weak holders the market continues in an unsettled condition and although prices are quoted at \$1.15@1.20 gal. these are being shaded in many quarters and as low as \$1.12@ \$1.14 gal. is being done.

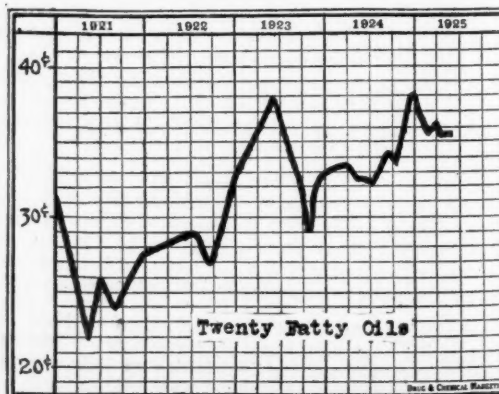
Olive Oil Foots—Lower prices were reached during the week and although first hands generally quote 8 $\frac{1}{2}$ c lb., competition from resale quarters has forced these prices to be shaded in some directions. The market is priced at about 8 $\frac{1}{4}$ c@8 $\frac{1}{2}$ c lb. and some goods have changed hands as low as 8c lb. due to consumers recently buying material that was apparently cheap and then being forced to unload when contract shipments were received.

Perilla Oil—Quotations are unchanged from holders of stocks and a fair sized demand is reported.

Palm Oil—Very firm condition reported and a strong upward tendency is present in the situation owing to a heavy consuming demand and no great amount of material being present in the market.

Perilla Oil—Firm market continues owing to small stocks and steady demand. Spot quotations remain at 99c@\$1.00 gal. and import prices are at practically the same figures owing to a firm market abroad.

Soya Bean Oil—Consuming demand of fair proportions is reported by importers whose quotations show no variation. Stocks are not accumulating in any quarter and the steady market is expected to hold.



Animal Oils

Greases—Choice white again cut owing to a continuation of slight demand for export. No immediate improvement is likely and still lower prices are anticipated by some factors. Quotations are given at 12c@12½c lb. Other grades of greases remain at unchanged prices.

Lard Oil—Edible prime shaded to 18¾c lb.; off prime cut sharply and quoted at 14¾c lb.; extra also lower at 13¾c lb. Other grades remain at recent figures and a steady demand is reported.

Neatsfoot Oil—Prices maintained at recent figures in all quarters and no accumulation of stocks is reported.

Oleo Oil—Higher prices named on No. 1 at 13¾c@13¾c lb.; No. 2 also advanced and now quoted at 12¾c@12½c lb.; No. 3 remains steady at 11c lb.

Stearine Oleo—Price advanced by makers to 11¾c lb.

Tallow—Edible lower from makers at 9½c@9¾c lb. owing to slight decline in demand. City extra steady at 8¾c lb.

The Java market for coconut oil during the first three weeks of 1925 was practically dead at prices of florins 8.10 per tin delivered at waggon Kediri. Towards the close of April sales were reported at florins 8.20 for Sourabaya delivery. Shipments of coconut oil from Java for the first two months of 1925 show an increase of nearly 100 per cent in comparison with those for the corresponding period of last year, and amounted to 1,457,000 litres, against 760,000 litres in the same period in 1924. The bulk was shipped to Great Britain.

Experts of the Chemical Division of the Tariff Commission have placed before the Advisory Board of the Commission a statement of information in connection with the vegetable oil survey. This statement contains the facts gathered during the investigation which has been under way for several months. It is expected that the Board will pass on the statement soon but it will not be ready for distribution for about two months.

Although the exports of naval stores, gums and resins in April, 1925 showed an 8 per cent. increase over April, 1924, value \$1,595,000, the figure is less than for any preceding month of the year. Resin shipments aggregated 76,000 barrels, valued at \$989,000, and spirits of turpentine, 485,000 gallons, valued at \$452,000.

The importation of oil seeds into Spain has been limited to 40,000 tons, effective June 1, with imports hereafter granted by the Director of Customs, and allowing further importation this year of 23,400 tons, according to a cablegram received by the Department of Commerce from Commercial Attache Cunningham, Madrid.

Less amount of gums, resins and balsams were imported this April than last, or a total of 8,810,000 pounds, worth \$2,467,000. Imports of varnish gums diminished one-fourth from the preceding April to 6,022,000 pounds, valued at \$1,637,000.

Lowe Brothers Co., 71 Wyandotte ave., Dayton, O., manufacturer of paints and varnishes, has awarded a contract for a two-story and basement building, 50 x 140 ft., to cost about \$32,000.

Joseph H. Rest & Sons, Inc., 2449 Greenmount ave., Baltimore, manufacturer of paints and varnishes, is planning a one-story addition to its plant, 90 x 125 ft., estimated to cost \$35,000.

FORM NEW SOUTHERN COTTON OIL CO.

Southern Cotton Oil Co. of Louisiana has been incorporated with paid-up capital of \$13,500,000 to take over the properties of Southern Cotton Oil Co. of New Jersey and Southport Mills, Ltd., of New Orleans. The properties of Southern Cotton Oil Co. of New Jersey were acquired recently by a New Orleans syndicate from the receivers of the Virginia-Carolina Chemical Co. The transaction involved about \$10,000,000.

Though ownership of these properties will be combined with that of Southport Mills, the two subsidiaries will be operated separately.

The balance on the purchase price of Southern Cotton Oil Co., was paid last week by the New Orleans interests who have taken over the property for \$8,875,000. The plan for reorganization of Virginia-Carolina Chemical Co., may come to a head soon now that Southern Cotton Oil has been sold advantageously.

Federal Judge Runyon has authorized receivers to sell privately the Kuxen stock for \$1,250,000. This stock was auctioned off for \$2,250,000 and the bidder deposited \$205,200 but failed to make good his bid. The receivers are authorized to retain the \$205,200 deposit.

Judge Runyon made allowances to the receivers, last week, as follows:

To Charles G. Wilson \$50,000; to Arthur T. Vanderbilt, coreceiver, \$100,000; to Lindabury, Dupue & Faulks, counsel for receivers, \$50,000; to Carlisle Darrison, solicitor of the complainant, \$30,000, and Harry Lane, solicitor of defendant, \$500. The receivers are arranging to have all the southern Cotton Oil Co. ancillary receivers in the many jurisdictions, mostly in the south, discharged.

CHOOSE 28 SHADES FOR HOUSE PAINT

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., June 3.—Representatives of the paint and varnish industry made further recommendations for simplification at a conference held in Washington, last week. These recommendations will be forwarded to the trade and if acceptances are received from 80 per cent of the manufacturers they will be adopted as standards of practice. The Committee in conference recommended that shades of house paint be reduced from 32 to 28.

Pint cans of house paint are to be eliminated as well as pint cans for porch paint. A new quarter gallon will be added for roof and barn paint, and pint cans will be eliminated for interior floor paint.

PAINT SHIPMENTS LARGEST IN MONTHS

Shipments of pigments, paints and varnishes were heavier during April, 1925, than during any other single month since August, 1923, a total of \$1,600,000 worth having been sent abroad during the month. Advances were recorded in almost all the classes included under this group, with the largest in chemical pigments total of which amounted to 7,652,000 pounds, valued at \$663,000. The exports of enamel paints amounted to 187,000 pounds, valued at \$56,000; of ready-mixed paints to 208,000 gallons, valued at \$438,000; other paints to 944,000 pounds, \$196,000; oil varnishes, to 74,000 gallons, \$136,000; and other varnishes to 38,000 gallons, \$51,000.

Glidden Co. reports total sales of \$11,496,628 for the six months ended April 30 1925. This includes returns of subsidiary companies. Sales were \$9,671,081 in the corresponding period a year ago. The company reported net profit of \$873,337, against \$446,058 reported in the same period last year.

Iron Oxide—No changes reported in quotations on English and Spanish materials although the market is quiet.

Toners—Para-toner and toluidine toner moving fairly well at steady prices from makers.

Vermilion—Makers continue to quote \$1.40@\$1.45 lb. although quicksilver has recorded a further advance.

DYE AND TAN WOODS

Divi Divi—The market continues quiet with some stock constantly coming into the country. Price is steady at \$53@\$55 ton.

Myrobalans—Prices continue unchanged with demand normal. Imports for last week through New York were 9,896 pockets.

Quebracho—Demand is weak and prices are held at unchanged levels. No new developments reported.

Sumac—The recent decline to \$112 ton for the ground sumac was short lived as the price has now advanced again to \$118 ton with the leaf at \$155. It is thought that recent prices were as low as sumac will go this season.

Valonia—No new developments are reported with cups steady at \$37@\$38 ton, beards at \$55@\$56 and mixtures at \$43@\$46 ton.

Wattle—This bark continues to be the most active of the items in the group and prices remain unchanged at \$44@\$47 ton.

EXTRACTS

Archil—Demand and stocks both continue small and prices are unchanged.

Chestnut—Activity continues to be more active for this than for the majority of the extracts and prices are firm at recent reductions.

Cutch—Little interest is shown with prices unchanged.

Divi Divi—No new developments are reported with prices and demand both steady and small amount of trading in evidence.

Fustic—Prices are unchanged with demand of a desultory nature and nothing new in sight in the way of developments.

Hematin—The market is reported to be much firmer for this extract but no price change has yet made its appearance.

Logwood—This item is also reported to be in better demand but prices continue at 8¼c@8½c lb. for the liquid with the solid at 12c@15c lb.

Myrobalans—There has been no change in the market situation for this extract with prices at former figures.

Quebracho—Demand for this commodity is still slight with prices well maintained by producers at 3c@3½c for the 35% in tanks, 4¼c@5½c for the 35% bleaching and 4¾c@5c for the 65% solid. Imports through New York last week, 13,723 bags.

FERTILIZERS

Ammoniates—This situation remains quiet with weak trading at present, except that South American materials are firmer. New York tankage is now down to \$3.40 and 10c unit. South American tankage and blood are up to \$3.75 and 10c. with domestic blood unchanged. Fish scrap is still quoted on a "when and if made" basis at \$4.00 unit, f.o.b. works. Bone meal shows no change. Nitrogenous material is firm at \$3.30@\$3.40 unit, c.i.f. Atlantic ports.

Ammonium Sulfate—Little demand in evidence at present with price maintained at \$2.60@\$2.65 works in bulk. Material for export is quoted at \$2.55 f.a.s. in 200 lb. double bags.

Acid Phosphate—Prices are well maintained at 60c@65c unit with demand fair.

Cyanamid—Present demand is not very great but prices are held at formerly established figures.

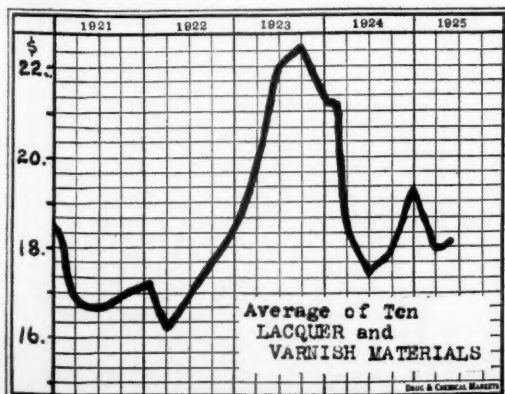
Phosphate Rock—Activity continues to be good with prices unchanged.

Potash Salts—Prices are firmly held at guaranteed

Glass Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Arsenic	100lb. \$ 5.00	\$ 5.00	\$ 5.25	\$ 8.50	\$18.00	\$ 4.00
Fluorspar 96% c. i. f. ton	33.50	33.50	33.50	60.00	28.00	
Limestone, ground	ton. 4.50	4.50	5.00	8.50	4.00	
Litharge	100lb. 11.25	11.25	11.25	11.50	17.00	9.00
Salt Lake	ton 19.00	19.00	20.00	20.00	40.00	15.00
Silica, crude	ton 6.00	6.00	6.00	10.00	20.00	8.00
Sodium Silicofluoride 100lb.	4.25	4.25	4.25	6.00	10.00	3.50
Sodium Sulfate, anhy. 100lb.	3.00	3.00	3.00	3.75	8.00	2.50
Tin Oxide	100lb. 57.00	57.00	57.00	50.00	100.00	60.00

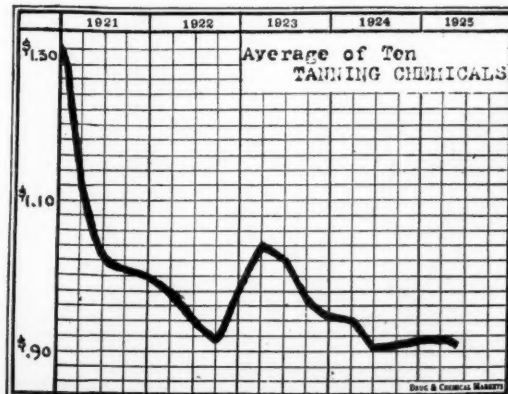
Average 14.520 14.520 14.620 14.970 28.56 13.07



Leather Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid, Acetic, 28%	\$ 3.00	\$ 3.00	\$ 3.12	\$ 3.12	\$17.00	\$ 1.50
Acid, Formic, 99% .....	.11	.1094	.1094	.13	1.50½	.07
Acid, Lactic, 22% dark .....	.08¼	.08½	.08½	.05	.07	.02
Potassium Bichromate .....	.08½	.08½	.08½	.09¼	.65	.06¾
Epsom Salt, tech.	1.70	1.70	1.70	1.80	3.75	1.00
Sodium Prussiate, Imp. lb.	.10½	.10½	.10	.10	1.25	.18
Soda Ash, 58% wks.	1.38	1.38	1.38	1.38	4.10	.69
Sodium Bichromate .....	.06¾	.06¾	.06¾	.07¼	.45	.04¾
Sodium Hyposulfite, pea.	2.50	2.50	2.50	2.75	3.75	1.80
Sodium Sulfide, 60% wks..	.04	.04	.04	.03½	.10¾	.02¾

Average 0.905 0.904 0.916 0.956 3.267 0.528



levels although stocks have occasionally been insufficient to cope with the demand.

Sodium Nitrate—See Heavy Chemical Market report.

INSECTICIDES AND FUNGICIDES

Arsenic—See Heavy Chemical Market report.

Calcium Arsenate—Spot market weaker due to lack of demand and goods are changing at $6\frac{1}{2}c@7\frac{1}{2}c$ lb., while reports from the south indicate that as low as 6c lb. is being done there.

Copper Sulfate—See Heavy Chemical Market report.

Lead Arsenate—Quiet condition continues and recent low prices are still being done.

Paris Green—Fairly steady market is reported although the demand is still of a volume sharply below that of recent years.

METALS

Antimony is higher at $17\frac{1}{2}c$ lb. Copper is holding firmly at unchanged prices of $13\frac{3}{4}c@13\frac{1}{2}c$ lb. for Lake, and $13\frac{3}{4}c@13\frac{1}{4}c$ lb. for electrolytic. Lead has advanced over the week and is quoted at $8\frac{1}{2}c$ lb. at New York, and $8\frac{1}{2}c$ lb. at East St. Louis. Tin has strengthened further and is named at $55\frac{1}{2}c$ lb. Zinc is unchanged at $7\frac{3}{4}c$ lb. at New York, and 7c lb. at East St. Louis.

NAVAL STORES

Rosins—Mixed tendencies were present in rosins during the week and while some grades advanced others declined and neither the advances nor the declines were recorded in any particular group. Grade B is lower at \$8.75; D is higher at \$9.00; E is down to \$9.25; F is sharply higher at \$10.15; G, H, I, have been cut to \$10.15; K is slightly higher at \$10.50; M is up to \$11.00; N is higher at \$11.75; WG has advanced to \$13.00; and WW is up to \$14.50.

Rosin Oil—Prices maintained at last week's advance in all quarters.

Tar & Pitch—Steady demand continues at unchanged prices.

Turpentine—Quiet conditions in the market have brought about further declines in quotations and spirits were quoted at the close at \$1.01@1.04 gal.

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Savannah, Ga., May 30.—Rosins closed firm with all offerings taken, one buyer taking 1,751 bbls. of different grades. Present prices show declines from last week's closing of 80c to \$1.05 on the medium and common grades and 25c on the fine grades. Prices probably have not yet reached bottom, but the market is on a much steadier basis. The bottom is anticipated for the coming week, followed by a slight recovery. Dealers seem to be more interested in the fine grades and these prices do not show any appreciable weakness. Closing quotations are: B \$7.25; D \$7.50; E \$7.75; F, G, H, I, \$8.75; K \$9.10; M \$9.50; N \$10.00; WG \$11.25; WW \$12.50; X \$12.75. Receipts of rosins for the week totaled 10,832 bbls.; stock on hand is 72,315 bbls.

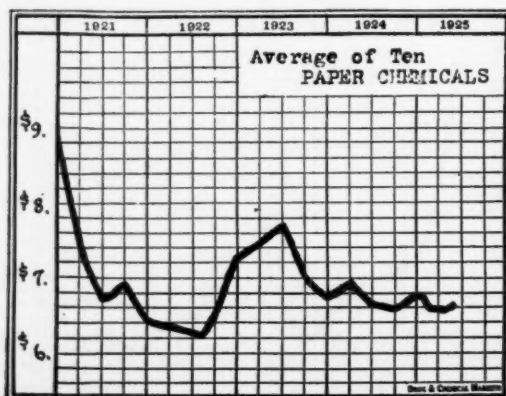
Turpentine closed steady at 95c gal. with only one buyer in the market and 565 bbls. carried over, there being no bids. Most of the trade anticipates further reductions in the market and it appears that June contract shipments will probably not be made until later in the month, so that stocks are quite likely to accumulate with consequent weakness. Receipts were small this week and therefore heavy receipts are expected during the coming week. Receipts this week totaled 3,448 bbls; stock today is 7,605 bbls.

Jacksonville, Fla., May 30.—Turpentine closed firm at 95c gal. with sales of 437 bbls. to two buyers. This price was refused on 106 bbls. Rosins closed firm at B \$7.25; D \$7.50; E \$7.75; F, G, H, I, \$8.75; K \$9.10; M \$9.50; N \$10. WG \$11.25; WW \$12.50; X \$12.75. Stocks of turpentine amount to 14,959 bbls.; rosins 72,809 bbls.

Paper Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aluminum Sulfate	\$2.00	\$2.00	\$2.00	\$2.40	\$5.00	\$1.50
Bleaching Powder	1.90	1.90	1.90	1.90	9.50	1.50
Casein .....	.12%	.12%	.12%	.10%	.28	.20
China Clay, Dom.	10.00	10.00	10.00	10.00	25.00	8.00
Chlorine c/l Cyl. ....	.05%	.05%	.05%	.05%	.50	.08
Salt Cake	17.00	17.00	17.00	30.00	80.00	11.00
Sodium Silicate, 40% ..	.80	.80	.80	.80	1.75	2.00
Soda Ash, 58% wks.	1.38	1.38	1.38	1.38	4.10	.69
Sulfur	18.00	18.00	18.00	18.00	65.00	20.00
Rosin F grade	10.15	9.32%	9.70	5.90	4.50	20.25

Average 6.141 6.059 6.096 6.015 13.50 5.50

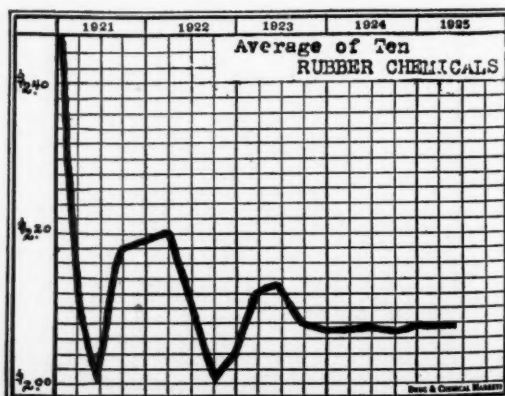


INDUSTRIAL CHEMICAL SECTION

Rubber Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Antimony, Sulfide Crim. ..	\$3.39	\$3.39	\$3.39	\$3.39	\$4.55	\$3.35
Carbon Bisulfide .....	.06	.06	.06	.06	.50	.10
Carbon Black cases wks. ..	.07	.07	.07	.12	.30	.14
China Clay, Imp.	16.00	16.00	16.00	16.00	20.00	14.00
Hexamethylene .....	.82%	.82%	.82%	.82%	1.35	.08
Iron Oxide, Span. ....	.03	.03	.03	.03%	.04%	.05
Lithopone .....	.06%	.06%	.06%	.06%	.08	.04
Sulfur	3.00	3.00	3.00	3.05	6.50	1.75
Whiting, Dom.	14.00	14.00	14.00	14.00	30.00	11.00
Zinc Oxide, Amer. ....	.08%	.08%	.08%	.08%	.09%	.09

Average 3.452 3.452 3.452 3.464 5.937 ..



STARCHES, DEXTRINS AND SIZES

Amber Sorts—See Crude Drug Market—Arabic Gum.
British Gum—Market continues weak with little demand and prices held at former figures.

Casein—Domestic makers and importers are holding their prices at 12½¢@12¾¢ lb. with no very brisk demand at present. Prices cannot very well be lowered, with costs where they are and so little added inducement is given to buyers.

Dextrins—With poor demand existing at present, the recent advance has had no appreciable effect on the actual market for this item.

Glues—Active demand is reported for all grades, especially with regard to the bone glue which is expected to advance soon. Present prices are strong at 10¢@12¢ for the regular bone glue with other grades at corresponding levels.

Starches—The recent advance in price has had little effect on the market as demand has been poor and what is actually needed in consuming industries is purchased anyway.

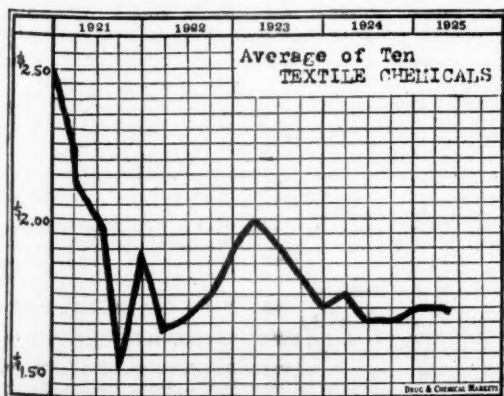
ISSUE 300 PAGES OF BUSINESS LAWS

The United States Corporation Co. has issued the sixth edition of their compendium of New York Laws affecting Business Corporations, revised to contain amendments of the legislative session which adjourned March 27, 1925. The book, which contains 300 pages, is thoroughly indexed and is bound in paper. It contains in full the Business Corporations Law, General Corporation Law, Stock Corporation Law, articles 1, 2, and 3 of the Membership Corporations Law, such provisions of the Tax Law as apply to corporations including the stock Transfer Act, the Uniform Stock Transfer Act, Sale of Securities Statutes (Blue Sky Law) and a synoptic analysis of material covered by the various laws.

G. N. Davis has resigned from the sales staff of the chemical department of Charles Hardy & Co., New York.

Textile Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid, Acetic, 28%	\$ 3.00.	\$ 3.00	\$ 3.12	\$ 3.12	\$17.00	\$ 1.50
Acid, Oxalic .....	.10¾	.10¾	.10¾	.10¾	.70	.07½
Bleaching Powder	1.90	1.90	1.90	1.90	9.50	1.50
Copper Sulfate	4.60	4.60	4.60	4.70	20.00	4.50
Epsom Salt, U.S.P.	2.15	2.15	2.15	2.10	4.25	1 ¾
Glauber's Salt	1.25	1.25	1.25	1.20	2.50	.80
Potash, Caustic, Imp. ....	.07¾	.07¾	.07¾	.06¾	.87	.12
Soda Ash, 58% wks.	1.38	1.38	1.38	1.38	1.10	.69
Soda Caustic, 76% wks.	3.10	3.10	3.10	3.10	9.50	1.80
Sodium Bichromate ....	.06½	.06½	.06½	.07½	.45	.04½
Average	1.762	1.762	1.774	1.783	4.800	1.25



TEXTILE CHEMICALS DULL IN BELGIUM

Many Mills Running Only Three Days a Week—Tanning Industry Also Quiet

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Antwerp, Belgium May 23.—The textile industry has curtailed production, and most of the plants are operating only three days a week. Prices of chemicals used in textiles are seriously affected. The position of the tanners is not much brighter, especially chrome tanning, and this probably accounts for the continuous fall in the price of potassium chrome alum which fetches no buyers even at a figure recently reduced to £16.10s per ton. Tanning with natural extracts is doing fairly well.

Chlorate of potash powder maintains its strong position, is very scarce and prices are climbing. Our last quotation was \$15.00 per 100 kilos, but a sale recently was closed at \$160. per 1000 kilos.

Antimony compounds in sympathy with the firmness of the metal continue high, especially for the black sulfide which is in very keen demand at £45 to £50, according to sellers and quantities.

Arsenic finds no buyers, but the recent low figures have not been shaded.

Bleaching powder, which was very quiet for many weeks, is suddenly in brisk demand, principally for export and sales in large casks range about Belgian francs 74. per 100 kilos. Smaller packages fetch higher prices.

Hyposulfite of soda is firm and very scarce, most producers being engaged well ahead. A nominal figure is \$4. per 100 kilos for the fine crystals and \$5 for the regular pea crystals.

An arrangement has been entered into between the Dominion Government and the Canadian Pulp and Paper Association for the joint control and operation of the Pulp and Paper Division of the Forest Laboratories established by the government in Montreal. This will involve a considerable enlargement of research work and an outlay on the part of the Association of not less than \$100,000 and will eventually lead to the establishment of a chair in cellulose chemistry at McGill University, to be financed in part out of a bequest of \$200,000 left to McGill by the late Mrs. E. B. Eddy. The erection of a new building for the laboratories is also in prospect.

The project of manufacturing paper from straw has been under consideration in Alberta, Canada, and the Government is taking an active interest in the matter. Trade Commissioner Howard Stuchbury announces that arrangements have been made to have a paper engineer visit the Province and examine the local conditions. It is estimated that a plant turning out the coarser paper products to the amount of 25 tons daily would cost about \$200,000 and it is hoped to interest capital in the project.

Present production of egg products in China is about half the output in prosperous years. Exports from Shanghai during the first three quarters of 1924 were 28,995 piculs moist albumen, 20,585 piculs dried albumen, 117,404 piculs moist egg yolk and 6,112 piculs dried egg yolk.

The Advisory Board of the Tariff Commission will take definite action in the next couple of weeks in connection with the China clay investigation which has been made by experts of the Commission.

Cooper & Cooper have filed judgment for \$871.10 in New York County against Main Fur Dress Co.

QUOTATIONS ON CHEMICAL STOCKS

Closing Prices for Week Ending May 29, 1925

Bid	Asked	Bid	Asked
*Air Reduction ....103 1/2	105	Hercules Powder ....104	107
*Allied Chem. & D. 9 3/4	9 3/4	Hercules Powd., pf. 103	107
*Allied C. & D., pf. 118 1/4	119 1/4	Heyden Chem. ....12	15
*Am. Ag. Ch. ....19 1/2	20	Hooker Electro, pf. 40	45
*Am. Ag. Ch., pf. ....85	85 3/4	Hooker Electro, pf. 40	45
*Am. Chiclé ....52 1/2	53 1/2	*Household Products. 35 1/4	36
*Am. Chiclé, pf. ....105	112	*Int. Agricult. ....11 1/2	11 1/2
*Am. Cyan. ....123	128	*Int. Agricult., pf. ....52	—
*Am. Cyan., pf. ....83	85	*Int. Nickel ....28 1/2	28 1/2
*Am. Druggist, S. .. 6 1/4	6 1/4	*Int. Nickel, pf. ....96 1/4	97
*Am. Glue ....47	50	*Int. Salt ....70	77
Am. Glue, pf. ....106	109	*Mathieson Alk. ....80 1/4	81
*Am. Linseed ....28 1/4	29	*Mathieson Alk., pf. 59 1/4	—
*Am. Linseed, pf. ....70 1/4	70 3/4	MacAnd. & Forbes. 154	158
*Am. Metal ....47 1/2	48 1/2	MacA. & Forbes, pf. 100	103
*Am. Zinc ....7 1/2	8	Merck & Co. pf. ....50	65
*Am. Zinc, pf. ....27	29	Merrimac ....84	85
Archer Dan. Mid. ....34	34 1/2	Mulford Co. ....30	33
Archer Dan. Mid., pf. 96	98 1/4	*National Lead ....150	151
*Atlas Powder ....47 1/2	48 1/2	*National Lead, pf. 114 1/4	117
*Atlas Powder ....46	49 1/4	Niag. A., pf. ....80	85
By-Prod. Co. ....46	49	N. J. Zinc ....187	189
By-Prod. Co., pf. ....103	105	Parke, Davis & Co. 77	80
Canad. Ind. Al. ....16 1/2	17	Penn Salt ....81	83
Canad. Salt ....105	115	*Peoples Gas Chl. ....116	116 1/2
Cassia Co. ....68	66	Procter & Gamble ....124	127
Celluloid Co. ....28	32	Procter & Gam., pf. 158	—
Celluloid Co., pf. ....70	80	Royal Bkg. Pow. ....140	143
*Certain-teed Prod. ....40	49 1/4	Royal Bkg. Pow., pf. 101	103
*Certain Iron ....10	10 1/2	Shawinigan ....147	—
Ches. Mfg. ....60	61 1/2	Sherwin-Will., 1st pf. 103 1/4	—
*Ches. Mfg., pf. ....113	115	*Sterling Prod. ....63 1/4	63 1/4
Clark Co., Fred. ....2 1/4	4	Swan & Finch ....16	17
Cleve. Cliffs Iron. ....70	78	*Tenn. C. & Chem. ....10 1/4	10 1/4
*Com. Solv. A. ....94	97	*Tex. Gulf Sul. ....108	108 1/4
*Com. Solv. B. ....94	96	Union Carbide ....69 1/4	—
*Corn Products ....33	33 1/4	*Un. Drug ....124	124 1/2
*Corn Products, pf. 121	122 1/4	*Un. Drug 1st pf. ....54 1/4	55 1/4
*Davison Chem. ....38 1/4	39	*Un. Dyewood ....10 1/2	15 1/4
Dow Chem. no par. ....55	65	Un. Dyewood, pf. ....71	—
Dow Ch., pf. ....98	102	Un. Gas Imp. ....58 1/4	—
Dow Drug Co. ....140	—	U. S. Gypsum ....167 1/4	168
Dow Drug Co., pf. 105	108	*U. S. Indus Al. ....92 1/4	93
*Du Pont, Deb. ....97	99	*U. S. Indus Al. pf. 110 1/4	111 1/4
*Du Pont de Nem. 167 1/4	168	*Va. Car Ch. ....4 1/4	4 1/4
*Eastman Kodak ....110 1/4	111	*Va. Car. Ch. ....pf. 16 1/2	17
*Eastman Kodak, pf. 113	—	*V. Vivaudou ....13 1/4	14
*Freepress Tex. ....16 1/4	16 1/4	Will & Baumer ....14	14
*Gen. Asphalt ....56	56 1/4		
*Gen. Asphalt, pf. ....97	100		
*Gold Dust ....41	42		
Grasselli ....125	130		
Grasselli, pf. ....101	103		

*Listed on New York Stock Exchange

FOREIGN EXCHANGE	Par	Current
Great Britain (pound sterling)	\$4.866	\$4.86
France (franc) .....	.183	.080
Italy (lira) .....	.193	.089
Belgium (franc) .....	.193	.049
Czechoslovakia (crowns) per hundred	26.30	.629
Denmark (krone) .....	.268	.188
Germany (mark) .....	.238	.238
Holland (guilder) .....	.402	.401
Norway (krone) .....	.258	.168
Poland (zloty) .....	.193	.192
Spain (peseta) .....	.193	.145
Sweden (krone) .....	.268	.262
Switzerland (franc) .....	.193	.193
Argentina (peso) .....	.424	.406
Brazil (milreis) .....	.324	.105
Japan (yen) .....	.499	.416
India (rupee) .....	.485	.363
China (Silver dollar, Hongkong) .....	.789	.548
(Tael-Peking, silver)	1.146	.770
(Tael-Shanghai, silver)	1.986	.747

Earnings of International Nickel Co. for the fiscal year ended March 31, 1925, were \$5,109,199, against \$3,025,654 in the previous year. After allowing for all expenses, and deduction of reserves for depreciation, depletion and other charges, the company reported net profit of \$2,924,057, against \$1,206,486 in 1923. This was equal after allowing for preferred dividends, to \$1.43 a share earned on the 1,673,384 shares of capital stock of \$25 a share par value outstanding, against 40 cents a share earned the year before.

New Incorporations

In the Chemical, Drug, Oil Producing and Consuming Fields

Independent Cork Co. of New Jersey. Morristown, \$100,000. Sebastian Puluso, Brooklyn; Florence E. H. Fredericks, Albert H. Holland, Morristown.

Three-In-One Lax Co., Wilmington, Del., \$50,000. Druggists' supplies.

Kelyon Mfg. Co., Greenfield, Mass., \$25,000. To make chemicals. Otto Kolstead, Thomas E. Griffin, Clifford S. Lyon, Greenfield.

J. M. and J. S. Nicol, Inc., Hawthorne, N. J., \$40,000 in preferred shares, and 850 shares of common stock, no par. To manufacture glue and starch. J. Miller Nicol, Hawthorne; James S. Nicol, Hawthorne; Charles Nicol, Hawthorne. Attorneys, Freeman & Freeman, Paterson, N. J.

Odokure Preparations, Wilmington, Del., \$250,000. Corporation Trust Co. of America.

Chere Laboratories Corp., Long Island City, N. Y., 200 shares common stock, no par. Perfumes. K. A. and C. L. Brahe, J. Brescia. Attorney, T. R. McTigue, 250 W. 57th st., New York City.

Vulcan Drug and Specialty Co., Wilmington, Del., \$50,000. Corporation Trust Co. of America.

Stremtone Pharmaceutical Corp., New York City, 100 shares of common stock, no par. S. Anhalt, S. Goldsmith, C. McBride. Attorney, J. D. Shiffren, 132 W. 43rd st.

Joel Vogel Corp., Jersey City, \$50,000. manufacturing confectioner. Louis Goldberg, Bayonne; Wm. Langel, Abraham Benjamin, New York. Attorney, Manning Stires, New York.

Valduray, Orange, N. J., \$50,000. To manufacture cosmetics. Stanley M. Williams, E. Orange; Stacy W. Kapp, New York; Chas. C. Sinclair, Orange. Attorneys, McDermott, Enright and Carpenter, Jersey City.

Bollers Beverages, Elizabeth, N. J., \$125,000. Bertha Knauer, Ottilie Boller, Frank Boller, Elizabeth. Attorneys, Feist & Feist, Newark.

Foreign Trade Opportunities

The Department of Commerce, Washington, D. C., has received the following inquiries for drugs, chemicals and accessories. Reserved addresses may be obtained from the Bureau and its district and cooperative offices. Request for each opportunity should be on a separate sheet and state opportunity number. The Bureau does not furnish credit ratings or assume responsibility as to the standing of foreign inquirers; the usual precautions should be taken in all cases

Drugs and patent medicines	14995	Bombay, India.....Purchase
Drugs and toilet preparations	14994	Stockholm, Sweden.....Purchase
Calcium carbide	14819	Temuco, Chile.....Purchase
Chemicals and medicines	14716	Beirut, Syria.....Purchase
Chemicals	14811	Cape Town, So. Africa.....Agency
Chemicals, heavy	14820	Lisbon, Portugal.....Purchase
Chemicals, industrial	14714	Bombay, India.....Do
Colemanite, powdered	14817	Biebrich, Germany.....Purchase
Dyes for the leather trade	14800	Otley, England.....Agency
Hospital supplies	14784	Niort, France.....Purchase
Lime, slacked, in cans	14818	Malmö, Sweden.....Purchase
Linseed oil	14819	Temuco, Chile.....Purchase
Paints and varnishes	14751	Alexandria, Egypt.....Purchase
Paints, enamels	14774	London, England.....Agency
Pharmaceutical preparations	14820	Lisbon, Portugal.....Purchase
Photographic powders	14715	Alexandria, Egypt.....Purchase
Rosin	14713	Calcutta, India.....Purchase
Rosin	14774	London, England.....Agency
Toilet preparations	14788	Amsterdam, Netherlands.....Agency
Alum, chrome	15087	Stockholm, Sweden ..Purchase
Camphor	15091	Mombay, India.....Purchase
Celluloid film and cellulose acetate waste	15089	Hamburg, Germany ..Purchase
Celluloid scrap	15143	Dresden, Germany ..Purchase
Chemicals	15094	Constantinople, Turkey.....Purchase
Chemicals, all kinds	15145	Eisenach, Germany ....Purchase
Chemicals for compounding rubber	15088	Mexico City, Mexico ..Purchase
Chemicals and dyes for textile industries	15080	Bombay, India.....Purchase
Dyes for chemical industry	15093	Barcelona, Spain .....Purchase
Gall stones	15146	Osaka, Japan .....Purchase
Paints	15142	Hamilton, Canada .....Agency
Paints	15147	Hamilton, Canada .....Purchase



Drug & Fine Chemical SECTION



Foreign Trade in Medicinals Increasing

The Export Price of Crude Drugs Declined But the Quantities Shipped Advanced—Demand for Medicinal and Pharmaceutical Preparations Shows Improvement—Imports One Half the Amount of the Exports—Foreign Sales of American Perfumery and Toilet Goods Pass the Previous Month's Record—Exports Valued at \$648,000, and Imports \$391,000—Imports of Essential Oils Above the Monthly Average for a Year or More—Values Decline

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., June 3.—A falling off in the export price of crude drugs characterized the trade in this group as quantities advanced from 383,000 pounds in April, 1924, to 506,000 pounds, in April, 1925, while the values dropped from \$302,000 to \$143,000, according to the Chemical Division, Department of Commerce. The imports likewise showed improvement in quantities shipped, but a decline in values or a total receipt of 8,211,000 pounds, valued at \$603,000 for the month of April, 1925.

Foreign demand for American medicinal and pharmaceutical preparations continued growing until a total of \$1,847,000 was reached, a figure higher than for any other single month during the last three years. Gains were made in each of the several classes included under this general heading but the largest one was in the "all other medicinal and pharmaceutical preparations" which accounted for 85 per cent of this class.

The imports were less than one-half as much as the exports and although below those of the preceding month were higher than they have been for a year or more.

Foreign sales of American perfumery and toilet preparations during April, 1925, exceeded those for April, 1924, by 6 per cent in quantity and 3 per cent in value and likewise passed the previous month's figures while American purchases of foreign goods of this type failed to reach the April, 1924, figure by 22 per cent and were considerably reduced from the preceding months.

The total exports of perfumery and toilet preparations amounted to \$648,000 (960,000 pounds) and the imports to \$391,000.

Whereas the total quantities of essential oils imported in April, 1925, surpassed the amounts received in April, 1924, by 61 per cent, and were above the monthly average for the past year or more, the values fell to 13 per cent below the preceding April and were less than for the previous months. On the other hand the exports reflected the reverse conditions, with the quantities having dropped 17 per cent and the values having risen 5 per cent.

The total imports, however, were considerably in excess of the exports and during the current April equalled 728,300 pounds valued at \$527,000, while the exports amounted to only 65,000 pounds, valued at \$119,000.

BLAIR PROTESTS TAX ON ALCOHOL

(Special to DRUG & CHEMICAL MARKETS)

Montreal, Que., June 3.—The Proprietary Articles Trade Association of the United States held its 43rd annual convention at the Windsor Hotel, Montreal, on May 26 and 27. The following officers were elected: President, F. A. Blair; secretary-treasurer S. P. Tyrell, Syracuse, N. Y.; executive committee, Z. C. Patten, jr., Chattanooga, Tenn., A. H. Beardsley, Elkhart, Ind., and J. F. Hindes, Baltimore, Md.

Frank A. Blair, president of the association, protested the tax on alcohol in the United States, in his presidential address. The tax had been imposed, he said, when alcohol and beverages containing alcohol were legitimately sold for drinking. There was no more justification for taxing alcohol under the prohibition law, than there would be for taxing the shipping containers, the labels, or the freight bills used by those industries which had to utilize alcohol in the manufacture of their products.

Sir William Glyn-Jones of the Proprietary Articles Association of England spoke on the evils of price-cutting.

L'APPULA ISSUES DESCRIPTIVE BOOKLET

L'Appula Societa Per L'Industria Chimica Italiana of Milan, manufacturers of citric, tartaric, and allied products, has just issued a new descriptive booklet of its products, printed in English, Spanish, Italian, and French. Colored plates of the plants and photographs of individual buildings, laboratories, packing departments, pumping rooms and power plants, make up the booklet. It is covered with special paper bearing the trade-mark of L'Appula. Distribution in the United States is being made by the Superfos Co., New York, American agents for L'Appula.

Deaths under anaesthetics in England and Wales have increased from 261—306 during the years 1911-1919 to 336—337 during the years 1920-1922, says the London "Chemist and Druggist." The percentage of cases in which chloroform alone was used has fallen from 66 per cent in 1919 to 24 per cent in 1922 and cases in which no chloroform was used have increased from 12 per cent in 1911 to 40 per cent in 1922.

Offerings of 30,000 guage gallons of 94% denatured alcohol per month from the Philippines are available for the American market according to Trade Commissioner Edwin B. George, Manila.

MERCURY UNDER CONTROL IN LONDON

(Special Correspondence TO DRUG & CHEMICAL MARKETS)

London, May 26.—The demand for mercury is still quiet, although somewhat more interest has become noticeable, while there is reason to assume that users are none too well covered against early requirements. We heard of sellers early this week at £13 10s. for fair lots, but business has been reported for small lots at around £13 15s. per bottle, and even over this figure has been asked on the spot. C. i. f. quotations for shipment from the Continent range up to about £13, but offers are not being pressed, and the spot supplies available here are seemingly well under control. The position is dealt with in an editorial article on p. 753.

Camphor (crude) has been in good demand for the Continent, with sales at up to 2s. 4½d. to 2s. 5d per lb.

Camphor (Refined)—Japanese slabs are quoted at from 2s. 9d. to 2s. 9½d. for five and one-case lots respectively; ¼ oz. tablets are 3s. 5d.

Caraway Seed—New Crop Dutch for August-September shipment is quoted at 31s. 6d. c. i. f., and prompt shipment is 30s. 6d. c. i. f.

Cascara Sagrada—New crop for July-August shipment is quoted at 52s. 6d. per cwt. c. i. f.

Cascarilla—Business has recently been done in quill to arrive at 3s 8d. per lb., c. i. f. terms.

Cinchona—An auction of 907 packages Java pharmaceutical bark weighing 41,591 kilos will be held at Amsterdam on June 3.

Cloves are firm, with more demand for forward shipment. Zanzibar on the spot offer at 10d. to 10¼d. per lb. To arrive, the sales comprise May-July shipment at 9¼d. to 10d., August-October at 9¼d., and October-December at 9 11-16 d. to 9¼d. per lb., c. i. f. and buyers. The landings during the week ending May 16 were 100, and the deliveries 287, leaving a stock of 13,591 bales, against 37,856 in 1924 and 14,800 in 1923. So far this year the landings have been 6,677 against 34,089 in 1924, and the deliveries 8,090 against 15,610 in 1924.

♂.Copaiba—B. P. is selling at 2s. 10d. per lb. on the spot, and is still very scarce.

Hydrastis.—A limited quantity is still obtainable at 22s. per lb. on the spot.

Menthol remains inactive, with sellers of Kobayashi-Suzuki on the spot at 43s. 6d. to 44s. per lb.; May-June shipment is quoted at 41s. 6d. c. i. f.

Opium valued at £16,400 has been imported into London from British India in the name of the High Commissioner for India.

Imports of gums, resins and waxes during March were as follows: Beeswax and other animal waxes, 331,498 pounds value \$115,441; vegetable waxes, 361,739 pounds, value \$68,084; crude camphor, 300,751 pounds, value \$155,974, refined camphor, 118,350 pounds, value \$69,346; synthetic camphor, 198,413 pounds, value \$98,001; gum arabic, 703,178 pounds, value \$74,058; gum tragacanth, 135,939 pounds, value \$46,979, gum gambier, 693,375 pounds, value \$96,669, and other gums and resins, 857,579 pounds, value \$71,914.

Exports of cloves from Zanzibar in 1924 amounted to 16,930,900 pounds as against 20,062,300 in 1923. Of this amount 21 per cent came to the United States and 46 per cent to the United Kingdom.

Under a process recently patented a tire filler is made by mixing in the right proportions, gelatin, water, glycerin, dextrin, zinc oxide, glucose and formaldehyde.

DRUG AND FINE CHEMICAL SECTION

Books of Trade Interest

CYCLOPEDIA OF PERFUMERY, (in two volumes). By Ernest J. Parry, B. Sc., F. I. C., F. C. S., Analytical and Consulting Chemist. Published 1925 in Great Britain by P. Blakiston's Son & Co., with American Office in Philadelphia.

Described by the author as "A handbook on the raw materials used by the perfumer, their origin, properties, character and analysis," this book takes up in detail all the principal materials used in the perfume industry including natural sources of essences, oils, synthetic aromatics, vehicles and the chemicals necessary for their production. It describes the method of production, the uses and physical characteristics as well as the chemical formula and properties when known. No formulae for finished perfumes are given, but as a reference book for the perfumer, this work should prove invaluable.

FORTY YEARS OF HARDWARE. By Saunders Norvell, 443 pages. Published by "Hardware Age," New York.

A very absorbing narrative of the author's experience in the hardware business as stock clerk, traveling salesman, sales manager, vice-president, president, and owner and publisher of a hardware trade journal. The incidents related are not only interesting of themselves, but are valuable because of their general application.

SYSTEMATIC POMOLOGY. By U. P. Hendrick, vice-pres. and horticulturist of the New York Agricultural Experiment Station. 488 pages. Published by McMillan Co., New York.

A text-book on the various classes of fruits, founded on the author's first-hand knowledge from close study of hardy fruits both in this country and in Canada. Much of the present book is taken from numerous publications by the State of New York, practically all of which were written by the author.

THE PRONOUNCING CHEMICAL FORMULA SPELLER AND CONTEST GUIDE. By C. A. Jacobson, Ph. D. Cloth 5-¾x3. 280 pages. The Williams & Wilkins Co., 1925.

Published as a guide in chemical spelling contests, which are being staged extensively to aid students in becoming familiar with chemical names and formulae, this book contains lists of inorganic chemical compounds, minerals and organic chemical compounds with their names and formulae, and a comprehensive list of reactions common to each particular element when subjected to certain reactions together with the chemical equations involved. The lists of names are self pronouncing and in the case of organic compounds where a compound has more than one technical name, all names are given.

WAGES AND HOURS IN AMERICAN INDUSTRY. By H. F. Browns and Assistants of the National Industrial Conference Board's Research Staff. Published by the National Industrial Conference Board, Inc., 247 Park ave., New York.

The classified payroll data of chemical manufacturing plants, showing average hourly earnings of skilled and unskilled employees, is accompanied by charts of great interest to the trade. Special tables of the fertilizer industry, paint and varnish manufacturers, and many consuming industries, such as paper and pulp, leather, rubber, textile, including cotton, woolen and silk manufacture, make comparisons of hours and wages possible in many lines. A chart showing the long-time trend of wages from 1840 to 1923 and a comparison of wage changes during the Civil War with wage changes during the World War, prepared by co-operation with the U. S. Bureau of Labor statistics, will be studied with much interest by all employers of labor.

C. P. Delore Co., has been awarded a government contract for 360,000 pounds barytes at 1.1464c lb.

CITRONELLA HIGHER,

LEMONGRASS ACTIVE

(Special Correspondence to DRUG & CHEMICAL MARKETS)

London, May 26—There has been a fair amount of business in Cochin lemongrass to come forward, and Ceylon citronella is dearer. Lemon oil is firmer to arrive; on the spot the market is affected by parcels in liquidation, says the "Chemist and Druggist." Cassia is slightly easier. Dutch dill oil and Bourbon geranium are cheaper.

Bergamot continues to be offered on the spot at a wide range of values. Importers of well-known brands report business at 16s. On the other hand, there are sellers at below 15s. From 15s. to 15s. 6d. represents about the current quotation for 37 to 39 l.a.

Camphor—Japanese white is quoted at 52s. cwt. on the spot in drums. Brown is scarce and held for 65s. in some directions.

Citronella—Ceylon is dearer at 2s. 8d. per lb. on the spot or c. i. f. to arrive. Estate oil is quoted at 3s. Java is unchanged at 4s. to 4s. 3d. spot and 3s. 10d. c. i. f. to arrive.

Clove is firm at from 6s. 6d. to 6s. 9d. per lb. for English distilled, and 2d. per lb. less for quantity. Offers from Germany have recently been sharply advanced.

Eucalyptus—There has been more inquiry for parcels under current rates. Spot quotations are: 80 to 85 per cent., 1s. 10½d. to 1s. 11d., and 70 to 75 per cent., 1s. 9d.

Geranium—Bourbon continues to fluctuate in value and a recent offer has been made at the lower price of about 160 fr. per kilo. Spot is unchanged at 19s. Holders of Algerian are willing sellers at 25s.

Lemon—Owing to the fact that there are on the market several fair-sized quantities of distressed goods which must be disposed of, the undertone is easy on the spot. Higher prices have been cabled this week from Messina, up to 3s. 6d. per lb. c. i. f. being current. From 3s. 3d. to 3s. 6d. is quoted from regular sources on the spot.

Lemongrass—Cochin on the spot is unchanged at 4s. 3d. per lb. in drums; cases are quoted at 4s. 6d. July-September has been sold at the higher rate of 3s. 5d. c. i. f. [Last week's spot quotation should read 4s. 3d., not 3s. 3d., as stated.]

Otto of Rose—According to a report from Bulgaria, the price of flowers has been fixed at 10 levas per kilo, compared with 8.40 last year. This fact, together with the report of a short crop, indicates that higher prices will have to be paid this year for the oil.

Peppermint—American natural tin oil is quiet but steady at 57s. 6d. per lb. on the spot, with the sale of a single case reported at this figure. Prompt shipment is 56s. c. i. f. Further offers of new crop American have been made at 25s. c. i. f., August-September shipment.

Imports of chemicals into the United Kingdom, which are about half the exports, totaled £16,172,031 for 1924, against £14,919,032 in 1923, and £12,671,962 in 1922, according to Charles C. Concannon, chief of the Chemical Division of Department of Commerce. About 70% of the imports are from the United States, Germany, Chile, France, Switzerland, Belgium and Netherlands. The United States is the main factor and supplied 28% or £4,428,770 in 1923; against 25% or £3,539,369 in 1922.

DRUG AND FINE CHEMICAL SECTION

REGULATES LIQUOR ADVERTISING

New Ruling Issued By Commissioner Blair Which Affects Wholesale Druggists

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., June 3.—A revised regulation relating to the advertisement of liquors has just been forwarded to prohibition directors by Commissioner of Internal Revenue, Blair. The announcement follows:

Sections 150, 151, 152, 153 and 284 of Regulations 60 are hereby repealed and the following substituted therefor:

Sec. 150.—Advertising.—Authorized manufacturers and importers of liquors and wholesale druggists may, either as principal, or through duly authorized agents (agents of manufacturers of liquors and importers of wine allowed to possess liquors and wine, as the case may be, only as provided in Article X11) orally solicit orders from, and furnish price lists of liquors which they are authorized to sell to all persons permitted to purchase liquors. Such price lists may be sent separately, or incorporated with price lists and descriptions of other articles and preparations sold by such manufacturer, importer or wholesale druggist, or their duly authorized agents, in a catalogue, such as a so-called "house organ" or "price current," which does not contain any paid advertising and which is sent only to persons authorized to purchase liquors. Manufacturers of alcohol, and wholesale druggists authorized to sell alcohol, may advertise the same in business publications or trade journals circulating generally among authorized manufacturers of alcoholic preparations.

Sec. 284.—Records on Form 1411 shall be open to inspection only as provided in sections 170 to 174, inclusive, except that a permittee shall, for the purposes specified in section 150, be entitled to inspect the cards covering all persons permitted to purchase liquors. Directors will, therefore so far as possible, without interference with the work in the directors' offices, allow persons entitled to make such inspection, not only to inspect but, under supervision, in the directors' offices, to copy names and addresses from cards, Form 1411.

The United States supplies about 80 per cent. of the medicines imported into British Honduras. The methods of marketing in Honduras are very similar to those employed in the United States. It is difficult to introduce a new remedy, in fact, almost impossible, without advertising in one or both of the weekly papers published in Belize. The "Clarion" and the "Belize Independent" constitute about the only mediums for advertising. The import duty on medicines and drugs from non-British countries is 20 per cent. Orders for goods are sent either directly through the post or through commission agents. Many houses have local representatives. Terms vary from 30 to 60 days or in many instances, cash.

The manufacturing Chemists Association began their annual meeting on June at the Whitehall Club, 17 Battery Place, New York. C. C. Concannon, chief of the Chemical Division Department of Commerce, spoke on the latest developments in the German chemical industry.

Catalogs and prospectuses destined for Spain must be mailed at the rate for printed matter, and if sent by parcels post are admitted to Spain only after payment of a fine.

C. W. Wiegmann has resigned as manager of the New York Branch of Meht & Daniel Corp., and will join the force of Julian W. Lyon, June 8.

The Fine Chemical Market

Current Spot Quotations for Fine Chemicals see Chemical pages 1654-1679

STRYCHNINE AND QUININE REDUCED

Quinine Bisulfate Only Cut—Foreign Competition Responsive—Hexamethylene and Formaldehyde Down—Minor Alkaloids Higher—Cod Liver Oil Up—Menthol Advanced

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced
 Arecoline Hydrobromide, \$2.50 oz. Hydrastine Sulfate, \$2.00 oz.
 Atropine Alkaloid, \$1.50 oz. Hyoscyne Hydrobromide, \$1.00 oz.
 Cod Liver Oil, \$1.50 bbl. Hyoscyamine Alk. crys., \$5.00 oz.
 Eserine Salicylate, \$2.00 oz. Hyoscyamine Sulfate, \$3.00 oz.
 Eserine Sulfate, \$1.00 oz. Menthol, 25c lb.
 Hydrastine Alkaloid, 50c oz. Sodium Cacodylate, 25c lb.
 Hydrastine Hydrochloride, \$1.50 oz. Spartein Sulfate, 10c oz.

Declined
 Formaldehyde, 3/4c lb. Hexamethylene, 3c lb.
 Quinine Bisulfate, 5c oz. Strychnine Acetate, Glycerophosphate, Hydrobromide, Hydrochloride, Hydrophosphite, Nitrate and Phosphate, 10c oz.
 Strychnine alk., 5c oz.
 Strychnine Sulfate, 3c oz.
 Strychnine Saccharinate, 62c oz.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetanilid .....	.35	.35	.35	.32	2.00	.20
Acid Citric Import. ....	.46	.46	.45 1/2	.47	1.25	.45
Caffeine, Alkaloid	3.75	3.75	3.75	3.65	13.00	3.65
Calomel, American	1.37	1.37	1.37	1.22	3.43	.90
Camphor, Jap., ref. ....	.75	.75	.75	.73	3.55	.41
Iodine, Resublimed	4.65	4.65	4.65	4.40	5.00	3.75
Menthol	11.00	10.75	11.00	12.00	13.50	3.00
Potassium Bromide, Cryst. ....	.48	.48	.48	.33	4.30	.80
Quinine Sulfate, Imp. ....	.50	.50	.50	.50	.90	.25
Sodium Salicylate .....	.40	.40	.40	.40	4.25	.27
Strychnine Sulfate .....	.57 1/2	.57 1/2	.57 1/2	.63	1.05	.50
Average	2.297	2.272	2.297	2.24	5.92	1.56

A few scattering large orders were received by different fine chemical houses this week holding out hopes of improving business conditions. Some have been bolstering themselves against disappointment by the statement that a few orders do not create good business, but the prevailing impression is that present business is healthy, although not booming. Makers of formaldehyde and hexamethylenetetramine have reduced the price due to the reduced price of the raw material, methyl alcohol. The minor alkaloids were advanced sharply, bringing them back to the position they occupied previous to the entry into the market of some small dealers in a few of the more active ones. Cod liver oil is much stronger following a poor catch and quicksilver is firmer, due to a combination of speculative buying and consuming demand.

Acetanilid—There has been no change in this market with goods offering at the fixed price of 35c@37c lb.

Acid, Acetylsalicylic—Prices remain unchanged with demand of a routine nature during the present season.

Acid, Benzoic—Market continues inactive as far as any new interest is concerned. Prices are firm with business normal.

Acid, Citric—The domestic article dominates the market with prices held firm and business quiet.

Acid, Diethylbarbituric—Imported acid continues to be quoted at \$4.00@4.25 with domestic named at \$8.00 @ \$9.00 lb. with no new developments in evidence.

Acid, Phosphoric—Prices remain unchanged with demand of a routine nature at present and business normal.

Acid, Salicylic—No new developments have been seen in this market with prices and demand normal.

Acid, Tartaric—Activity in imported tartaric has re-

vived a bit and one large transaction was reported to have taken place last week. At present the price cannot be shaded below 27 1/2c@29c lb. and some quarters are looking for an advance in the near future.

Adeps Lanæ—Some increased activity has been intimated but prices remain unchanged at 13c@21c lb. for the hydrous with the anhydrous at 18c@23c lb.

Alcohol—Activity in the denatured grades is reported as steadily better with resale prices gradually creeping up toward contract figures. Meanwhile original sellers are biding the time when the market will have to meet their figures, which they feel sure will happen before long. Resale prices for denatured are now at 46c @ 47c gal. in barrels for shipment with schedule prices at 58 1/2c @ 61c gal. as to denaturant.

Alkaloids—With most of the small lot competitors eliminated from the field, prices have been advanced in the case of the minor alkaloids to former figures. Arecoline hydrobromide is now named at \$8.75@10.25 an oz.; atropine alkaloid at \$6.50@7.50; eserine salicylate at \$24.00@24.50; eserine sulfate at \$18.00@18.50; hydrastine alkaloid at \$17.00, hydrochloride at \$18.00 and sulfate at \$20.00; hyoscyne hydrobromide at \$13.50; hyoscyamine alkaloid, crystal, and hyoscyamine sulfate at \$25.00; and spartein sulfate at 67c an ounce.

Aloin—Prices remain unchanged with demand normal.

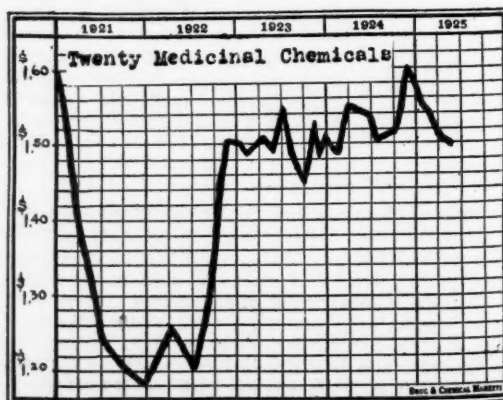
Amidopyrine—No new developments have been reported for this item which continues in weak demand with prices unchanged.

Antipyrine—Demand is improving for this product but prices are maintained at \$1.75@1.90 lb.

Bay Rum—Imported St. Thomas continues to hold the center of interest with prices unchanged.

Bromides—Positions are unchanged with stocks in ammonium and sodium bromides, imported, very low. Little activity reported and prices are unchanged although some rumors are heard of sodium commanding 44c lb. Potassium continues in slightly better supply but activity is limited.

Camphor—Stocks are not great but demand is limited and little activity is in evidence. Some are continuing to ask 75c@77 1/2c lb. for Japanese slabs while others



are willing to take 73c@74c. American refiners are firm in asking 84c.

Codliver Oil—The catch up to May 9 was 45,400,000 against 48,330,000 last year with yield of oil, 77,740 hectoliters as against 87,276 last year. Prices are continuing to strengthen and shipment prices are now from \$33.50@34.50 with spot prices around the same level.

Formaldehyde—Following the recent decline in the price of methanol, makers have just announced a reduction in the price of formaldehyde. New figures are 8¼c lb in carlots, 9c in 5-10 barrel lots and 9¼c in single barrel lots.

Fusel Oil—Competition continues keen at \$2.60@2.65 gal. with demand very good.

Glycerin—The market is strengthening considerably for the pure grades although some shading has been intimated in the middle West for the dynamite. Some factors anticipate higher prices for the C.P. and in fact above 19c is now actually being asked by some.

Haarlem Oil—Prices continue unchanged although some quarters are expecting an advance in the imported to follow the recent advance in the domestic.

Hexamethylenetetramine—Makers of domestic hexa have lowered their prices to 62c lb. for ordinary quantities or 60c lb for lots of 1000 lbs.

Menthol—With small lots which were holding the market down virtually shaken out, the market was strong at \$10.75 early in the week but has now advanced to \$11.00. With the Japanese market strong, stocks could be replaced at the former figure.

Mercury—Although most holders are now asking \$83.00@83.50 a flask for mercury, some business can still be done at \$82.50. The market is very strong at that figure with consuming interest in good evidence.

Methanol—There has been no further change in price since the recent reduction but uncertainty continues to be the feature of this situation. Another 280 casks of synthetic German material were imported last week.

Papain—The market continues to be quoted at \$2.72 @2.90 for the powdered with the probability of getting it considerably lower on a firm bid, despite repeated reports of a \$3.00 price.

Quinine—Prices for quinine bisulfate were cut 5c per oz. on Monday by American makers and representatives of Dutch interests and are now named at 45c oz. basis 100 oz. tins. Japanese competition in this particular salt was held responsible for the reduction. Other salts unchanged with sulfate still at 50c same basis.

Sodium Cacodylate—Prices have been advanced to former levels and put on a paying basis since some of the recent competition has been practically eliminated. Quotations are now \$6.00@6.25 lb.

Strychnine—Foreign competition has produced a decline in price for the alkaloid and all the salts. This brings the alkaloid to 76c oz for the crystals, 66c for the powder, the sulfate to 54c oz., acetate, glycerophosphate, hydrobromide, hydrochloride, nitrate, phosphate to 70c, and the hypophosphite to 80c with the saccharinate down to \$1.30 oz.

Thymol—Activity continues fair at unchanged prices.

R. Cameron Whitney, formerly of Boston, is managing the Export Department of Monsanto Chemical Works, St. Louis. Mr. Whitney is well-known in export circles, and has recently spent several years in the Far East.

E. Atkins & Co., 90 Wall st., New York, have been awarded a Government contract for 5,000 gallons of alcohol at \$2,150, bids for which were received on May 19.

SHARP ADVANCE IN CODLIVER OIL

London Receives Cable Quotation of 127 Shillings per Barrel f.o.b. Bergen—Reports of a Possible Shortage Opium, Oil Lemon, White Pepper, Fenugreek and Antimony Higher—Milk Sugar and Salicylic Acid Lower.

(Special Cable to Drug & Chemical Markets)

London, June 3—Opium, fenugreek seed, antimony, rubber, oil lemon and white pepper are higher. The market is easier for Japanese camphor, sodium salicylate, ergot, menthol, hexamine and phenacetin.

Prices are lower for milk sugar, honey, salicylic acid, shellac and thymol.

The feature of the market this week is a sharp advance in codliver oil owing to reports of a shortage. Cables quote 127 shillings f.o.b. Bergen.

London, May 23. (By Mail)—The markets have been dominated by the sensational rise in rubber. Heavy demands have been made on the shorter available stocks on spot and to arrive until June, and an advance of 6½ pence per lb has taken place during the week bringing No. 1 standard to 2s 5½d bid, or nearly five times its value three years ago.

Cascara Sagrada for shipment July-Sept. of new crop can now be bought at the lower price of 53s per cwt c.i.f.

Bismuth Metal continues in demand for the Continent and is obtainable with difficulty at 7s 6d per lb. available stocks being tightly held. The salts are so far unchanged.

Hydrastis has again advanced by 1s per lb to 22s per lb in keeping with higher cables from New York.

Ipecac has a strong undertone and more money is wanted for Matto Grosso 8s 3d per lb. Good quality Minas has fetched 7s 9d and at the close 8s 3d per lb. is lowest.

Ergot is on the easy side. Spanish and Portuguese on spot 1s 9d to 1s 10d per lb.

Aloes Socotrine are cheaper at 5s 6d to 7s per lb. while Curacao aloes are much firmer on spot at 72s; 65s and 55s per cwt. for the usual grades. For shipment an advance of 2s per cwt. is asked.

Benzoic Acid is dearer at 2s 9d per lb.

Codliver Oil—Finmarken reports stormy weather, but the market is practically unchanged.

WILL FIGHT PRICE CUTTING

(Special to Drug & Chemical Markets)

Montreal, Que., June 3—A meeting of two hundred members of the drug and chemical trade, was held at the Windsor Hotel, last week, to form an association to standardize drug prices and put an end to price cutting. A committee was named to draft a constitution and by-laws and choose a name for the association. The committee consists of Dr. Stanbury, representing the retailers, C. Tingling, of National Drug Co., representing the wholesalers, and L. G. Ryan, representing the manufacturers.

On protest of Merck & Co., the Customs Board finds that 1,000 bottles of antipyroidin, assessed on entry under Paragraph 5, 1922 Act, as a chemical compound, should have been admitted free of duty as a serum under Paragraph 1510, 1922 law, as claimed.

Austin G. Scully, associated with Merck & Co., for thirty-four years, died May 19, after a sickness of more than a year.

The Crude Drug Market

Current Spot Quotations for Crude Drugs, pages 1676-1681

HUNGARIAN CHAMOMILE FIRMER ON SPOT

Following Stronger Position Abroad—Many Other Minor Advances—Russian Cantharides Lower—Insect Powder Easier—Ipecac Cartagena Down—Mexi-Lower—Spices Firmer—Market Activity Fair

PRICE CHANGES IN NEW YORK

(Stocks in First Hands)

Advanced

Buckthorn Bark, 1c lb.	Henbane Leaves, 1c lb.
Cassia, ¼c to 1c lb.	Kino Gum, 5c lb.
Coriander Seed, ¼c to 1c lb.	Malva Flowers, blue, 2c lb.
Fumigating Pastilles 3c lb.	Prickly Ash, southern, 1c lb.
Ginger, African, ¼c lb.	Rosemary Flowers, 20c lb.
Guaiac Gum, 5c lb.	Rosemary Leaves, 1½c lb.
	Chamomile Flowers, Hung, 1½c lb.

Declined

Althea, cut, 3c lb.	Pichi Leaves, 3c lb.
Althea, whole, 3c lb.	Quince Seeds, 2c lb.
Cantharides, Russian, 5c lb.	Sarsaparilla, Mex., 3c lb.
Cowhage, 5c oz.	Spikenard Root, 2c lb.
Insect Powder, 2c lb.	Sanflower Seeds, ¼c lb.
Ipecac Cartagena, 20c lb.	Thyme, French, ¼c lb.
Manna, large flakes, 3c lb.	Wahoo Bark, root, 4c lb.
small flakes, 2c lb.	Wild Cherry, t.g.r., ¼c lb.
Marjoram Leaves, Chilian, 2c lb.	

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aconite Root, USP .....	.33	.33	.33	.39	.90	.42
Buchu Leaves, Short .....	.65	.65	.64	.76	4.00	.85
Cantharides, Russian .....	.80	.85	.82	.90	9.00	2.10
Cocculus Indicus .....	.08½	.08½	.08½	.03	.85	.03
Ergot, Spanish .....	.50	.50	.50	.31	4.50	.54
Insect Powder, pure .....	.38	.40	.40	.63	1.00	.28
Ipecac, Cartagena, Powd.	2.35	2.35	2.35	2.10	4.50	1.35
Nux Vomica .....	.05½	.05½	.05½	.08	1.45	.07
Opium gum	12.00	12.00	12.00	9.00	30.00	5.00
Rhubarb Root, H. D. ....	.32	.32	.32	.30	1.75	.15
Tragacanth No. 1, ribbon	1.45	1.45	1.45	1.20	6.00	1.50
Wild Cherry Bk., thin nat. ....	.09	.09	.09	.11	.21	.07
Average	1.584	1.59	1.587	1.32	5.28	1.60

Activity in the crude drug market has been well distributed with a fair amount of business being done. Trading over a varied list of items has produced many price changes, the majority of them downward. The spice market is reported to be in a much firmer condition. Roots, herbs and seeds have shown seasonal demand, in no case very large, but generally fair and as well as can normally be expected at this time of year. Some weakening of position has been observed in the case of items that cannot be held over warm weather with strengthening in some of the other articles. The holiday had very little apparent effect on the market condition, although a slightly greater activity was reported early this week in some quarters.

Althea Root—The market is easier with the whole root quoted at 25c@30c lb. and cut root at 55c@65c lb.

Arabic Gum—Prices unchanged with activity of a routine nature. Amber sorts steady at 13½c lb with somewhat firmer tendency seen.

Balsams—Prices remain unchanged although there has been some tendency to shade in one or two instances. Copaiba is steady at 56c@58c for the South American and 54c@55c for the Para; firs unchanged at \$11 for the Canada and \$1.00 for the Oregon; Peru quiet at \$1.85@\$1.90 and Tolu at \$1.45@\$1.50.

Buckthorn—This bark is regarded by dealers as just coming into its own after a period of depression. Prices are now quoted at 8c@10c lb.

Buchu—Quotations are heard ranging from 65c@67c to 70c lb. with some degree of activity reported.

Cantharides—Russian cantharides are easier at 80c@85c lb with Chinese mainly nominal at 95c@\$1.00. Powdered ranges around 95c@\$1.20 as to source.

Cascara Sagrada—Although there have been rumors of an advance in 1924 peel, it is still available at 14c@15c lb with little interest yet shown in the prospective 1925 peel.

Cassia—There has been an upward tendency in all grades with Batavia No. 1 now up to 11c, No. 3 to 10c and China, select to 6½c lb.

Chamomile—The Hungarian flowers are much firmer and are now quoted at 9c@10c lb. with every prospect of going higher yet. Shipment quotations are much firmer.

Cinchona Bark—Long quills are becoming scarce and short quills continue to be quoted at 75c@80c lb. in bales with broken at 28c@35c lb.

Coriander—The market is firming up for these seeds with Bombay at 6c@6½c and bleached Morocco at 9c@9½c lb.

Cowhage—Price has declined to 65c an ounce.

Damiana Leaves—Prices continue at high level at \$1.25 lb. with little likelihood of immediate relief.

Ergot—The market continues to be fairly active at 50c lb. with some rumors of lower figures, which might possibly be done on firm bids.

Fringe Bark—This bark is somewhat weaker at 25c@28c lb. with little demand in evidence.

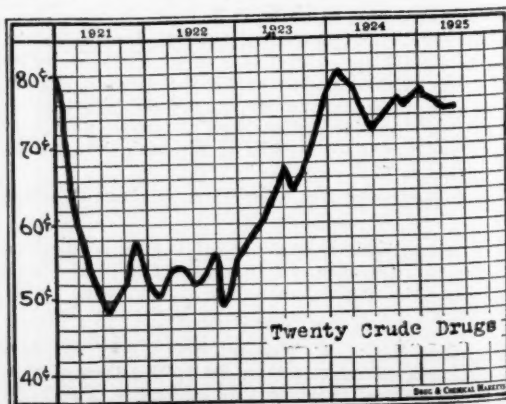
Fumigating Pastilles—The red pastilles have become scarce and quotations are now generally made at 20c a pound or higher.

Golden Seal Root—The market is still strong at recent high prices although some are looking for a decline soon.

Guaiac Gum—The powdered gum is now generally quoted at 45c@55c lb. on a much stronger market.

Henbane Leaves—The U.S.P. leaves are firmer at 29c@30c lb. with the lower grade leaves unchanged at 24c@26c.

Insect Powder—Reports of an easier situation are now rife and quotations have in some cases been reduced to 38c@40c lb for the powder.



Ipecac—Ipecac Cartagena has been lowered to \$1.95 @ \$2.05 lb. following the lowering last week of the Rio root to \$1.90 @ \$1.95. Powdered Cartagena is unchanged at \$2.30 @ \$2.40 with powdered Rio at \$2.25 @ \$2.30 lb.

Kino Gum—General conditions have combined to produce a stronger situation for this gum which is now quoted at 55c @ 60c lb.

Larkspur Seed—No change is in sight in this situation with prices still quoted at \$4.00 @ \$6.25 as to holder.

Lycopodium—Market continues strong at 85c @ 90c lb.

Malva Flowers—Blue flowers have been advanced to 34c @ 37c lb with black unchanged at 55c @ 60c lb.

Manna—This item occupies an easier position with large flakes now named at 65c @ 70c lb. and small flakes at 36c @ 40c lb.

Marjoram—Chilian leaves have been reduced to 26c @ 27c lb. with German leaves unchanged at 28c @ 29c and French nominal at 36c @ 37c.

Matico Leaves—There have been rumors of higher prices for these leaves but they are still procurable at 14c @ 15c lb., although undoubtedly some shortage exists.

Musk Root—Price remains unchanged at \$1.90 @ \$2.50 but there is a stronger trend and \$2.00 is considered by many a better inside quotation than \$1.90.

Nutgalls—Aleppy nutgalls are higher at 20c @ 22c lb. with very little doing in Chinese at the old price of 17c @ 18c lb.

Pichi Leaves—These leaves are much easier on the market and are now quoted at 17c @ 19c lb.

Prickly Ash Bark—The southern bark has been advanced to 21c @ 22c lb. with the northern not quoted at present.

Quince Seeds—These seeds are a trifle easier at 78c @ 80c lb. with business normal.

Rhubarb Root—The market continues strong at 32c @ 34c lb. with some quoting 33c as the inside price.

Rosemary—The leaves are firmer and quoted at 6½c @ 7c with the flowers scarce and quoted at high figures around 40c lb.

Saffron Flowers—Spanish flowers are again a trifle weaker at \$31 @ \$32 lb with American safflowers unchanged at 40c @ 45c lb.

Sarsaparilla—Mexican sarsaparilla is somewhat easier at 22c @ 23c lb. with Honduras unchanged at 70c @ 72c lb.

Saw Palmetto Berries—Continue high at 40c @ 45c lb.

Spices—The spice market is reported firmer with advances recorded in ginger, African to 15½c lb., pepper, Lampong to 13½c lb. and Dutch mustard to 8¼c lb.

Spikenard Root—Slightly easier at 17c @ 19c lb.

Sunflower Seeds—Price has been reduced to 5½c @ 6c lb.

Thyme—French thyme has been reduced to 8c @ 8½c lb with Spanish unchanged at 9c @ 9½c lb.

Valerian Root—Market for this commodity continues strong at recently advanced prices of 45c @ 60c lb. as to holder.

Wahoo Bark—The root bark has been reduced to 76c @ 80c lb. with tree bark unchanged at 32c @ 34c lb.

Wild Cherry Bark—The thin green rossed bark has been reduced to 12½c @ 14c lb. with thick barks firmer at 6c @ 7c for the natural and 7c @ 9c for the rossed.

VALERIAN ROOT SKYROCKETS IN ANTWERP

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Antwerp, Belgium, May 23.—Valerian root is unobtainable. Small quantities are in the hands of speculators who ask terrific prices and all serious buyers are off the market. Quotations for the most important Belgian grown crude drugs follow:

Belgian Francs
Per Kilo

Burdock root	2.40
Starwort root	3.40
Marshmallow root whole	10.75
Doggrass root cut	3.00
Angelica root whole	3.70
Henbane leaves	7.75
Roman Chamomiles standard	6.00
Roman Chamomiles, industrial	3.60
Mallow flowers	9.50

Chicory root in large quantities are quoted at Belgian francs 98. per 100 kilos. All quotations are free on rail, growers district. The rates of exchange are: one dollar equals Belgian francs 19.97; one pound sterling, Belgian francs 96.35.

DRUGS CHEAPER IN PHILADELPHIA

(Special to DRUG & CHEMICAL MARKETS)

Philadelphia, June 3.—The Federal Reserve Bank of Philadelphia says drugs are selling in about the same volume as they were a month ago, but in larger amount than in May, 1924. Toilet preparations, insecticides, disinfectants and seasonable patent medicines are the most active sellers. Botanical drugs are considerably lower than they were a month ago and fine chemicals are also a trifle cheaper. Sales during April were 3.1 per cent smaller than those in March, but 5.4 per cent greater than during April, 1924.

At a Price-Maintenance Conference held in Washington by members of the Chamber of Commerce of the United States, the Fair Trade League and other associations it was decided to draw up a bill to be introduced in Congress next Winter. Among those present were C. Mahlon Kline, Philadelphia; C. H. Waterbury of the National Wholesale Druggists' Association; Samuel C. Henry, secretary of the National Association of Retail Druggists; Ambrose Hunsberger, Philadelphia and Charles Wesley Dunn, of New York.

Earnings of William Wrigley, Jr., Co. for the current quarter and for the year to date are running ahead of 1924. Earnings in the first three months were \$2,410,133 after all charges, or \$1.33 a share on 1,800,000 shares of no par. Earnings for the first half promise to pass \$5,000,000, against \$4,251,227 a year ago.

William R. Rowland, formerly of Nickells-Rowland Co., has become associated with the Harwood Drug Co., Inc., 8 Water st., New York, which was organized by Burt H. Goodin, early this year. Mr. Rowland will leave next week on a extensive trip.

J. L. Hopkins, president of L. J. Hopkins & Co., 135 William st., New York, recently returned from a trip through the west where he found business generally good with a favorable outlook for the Summer.

George R. Hillier, well known in drug circles, formerly head of the firm of R. Hillier's Son's Co., and father of the president of that firm, died on Saturday, June 30, at the age of 85.

H. L. Kuntz has been appointed representative of Peek & Velsor in Memphis and surrounding territory.

The Essential Oil Market

Current Spot Quotations of Essential Oils, pages 1681-1682; Aromatic Chemicals, 1682

WITHDRAW ALL PEPPERMINT PRICES

Country Refuses To Quote on New Crop Oil As Further Delay Threatens Crop—Bad Frosts and Spot Oil Depleted—Limes and Wormseed Firmer—Vanilla Beans Easier—Market Generally Stronger

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Oil Anise, Tech., 2c lb.	Oil Peppermint, 25c lb.
Oil Cedar Leaf, 2½c lb.	Redistilled, 50c lb.
Oil Limes, Exp., 25c lb.	Safrol, 2c lb.
Oil Wormseed, 15c lb.	Menthol, 25c lb.
Declined	
Oil Bergamot, 10c lb.	Oleoresin Vanilla, \$1 lb.
Oil Spearmint, 15c lb.	Diethyl Phthalate, 1c lb.
	Vanilla Beans, 25c@50c lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Oil Bergamot	\$ 3.80	\$ 3.40	\$ 3.50	\$ 3.90	\$ 7.00	\$ 5.00
Oil Citronella, Ceylon ....	.66	.66	.65	.82	1.02	.60
Oil Cloves	1.70	1.70	1.75	1.80	3.70	1.40
Oil Lemon, Italian	1.00	1.00	.95	.85	1.70	2.00
Oil Peppermint, Nat.	13.25	13.00	13.00	4.25	9.00	2.24
Oil Sandalwood, E. I. ...	7.00	7.00	7.00	6.50	14.00	5.25
Oil Sassafras, Artif. ....	.27	.27	.27	.25	1.00	.26
Benzaldehyde U.S.P.	1.30	1.30	1.30	1.50	5.15	1.50
Coumarin	3.25	3.25	3.25	3.86	31.00	3.10
Methyl Salicylate, Cans...	.47	.47	.47	.47	1.00	.90
Vanillin .....	.49½	.49½	.49½	.54½	.95	.20
Average	2.94	2.92	2.93	2.27	6.83	2.05

One of the worst frosts of the Spring last week in the Mid-West forced country shippers to withdraw all prices for new crop peppermint oil. Further delays in the crop this year and the refusal of farmers to contract with shippers even at higher prices, were responsible. The effect on the spot market was to force up prices to varying degrees. Country stocks of 1924 oil are reported completely sold out. Bad weather in Maryland has stiffened the position of wormseed oil. Expressed lime oil is higher. Cheap cedar leaf is disappearing. The long expected advance in menthol prices has been announced this week. Vanilla beans show a continued tendency to weaken on small demand. The position of bergamot is still soft. The underlying position of the essential oil market generally, however, reflects a firmer tone this week.

Essential Oils

Oil Almond—Sweet almond oil at 80c@85c lb. spot cans in most cases as to sellers with some brands commanding 90c and 95c. Bitter almond oil \$3.00 for U.S.P. \$3.25 for f.f.p.a. Peach kernel oil still scarce and firm at 50c.

Oil Anise—Strength has spread to technical oil with 60c quoted inside on spot, although this might be shaded slightly on firm business. U.S.P. oil inside at 62½c ranging to 67½c as to seller and quantity.

Oil Bay—Continues firm, but unchanged in price with offers this week at \$2.25 lb up as to seller.

Oil Bergamot—Spot position is weak and shows little change except some price cutting in one or two instances. Most holders are asking \$3.40 or higher, but \$3.30 and possibly less can be done, although the quality of the oil is unknown. Standard brands \$3.40@3.75.

Oil Cassia—Little change. Position here tending soft, but no revision of prices. Technical oil easier on spot at \$1.90 lb. and for shipment. U.S.P. unchanged at \$2.35 lb for cans.

Oil Cedar Leaf—Cheap oil appears to be evaporating. Inside price now named at 82½c lb. with sellers naming 85c and 90c for oil which they state is prime quality. Cedarwood oil dull at 57½c up in drums on spot. Shipment in some cases named higher than this.

Oil Citronella—Retains strength although demand is not active. Spot position resting on shipment figures which show little margin compared to spot market. Inside for spot drums still 66c lb. up to 68c as to seller. Cans 68c@70c. Java oil quiet and easy at \$1.00 spot with little demand at this figure.

Oil Cloves—Quiet and unchanged at \$1.70 lb. cans inside from distillers. Named to \$1.75 cans and up for less.

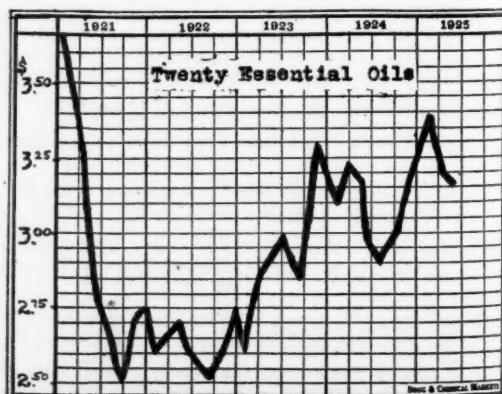
Oil Geranium—No further change in African with prices ranging from \$5.00 up to \$6.50 lb. as to quality and seller. Bourbon dull at \$4.50@5.00.

Oil Lemon—Demand continues limited, but the market retains a firm position with shipment prices high. Spot oil as to brand, seller, and quantity from \$1.00 up to \$1.20. Single coppers are commanding \$1.05 and \$1.10.

Oil Limes—No further lots of expressed lime oil at \$4.25 on spot. Cheap sellers have moved up to \$4.50 lb. and others are up to \$4.75 lb. Stocks are small. Distilled oil strong at \$1.75.

Oil Orange—Reports conflict. Some sellers say firmer; others state not so firm. Prices are unchanged and vary as to brand and quantity from \$2.65 up to \$3.00 lb for Italian. West Indian at \$2.55@2.75. Demand is quiet.

Oil Peppermint—Withdrawal of all prices from the country for shipment of new crop oil this week followed a severe frost last week. Considerable damage to new plantings and further delay in distillation is expected to result. Oil which was calculated to be ready for shipment in September may not come for-



ward until October. Farmers, uncertain of their crops, and backed by plenty of money realized from the sale of 1924 oil, can afford to wait and refused to commit themselves to shippers. The shippers have refused to sell short owing to the new uncertainties. City dealers apparently view the situation with alarm, especially those who have been taken unawares by the sudden turn of events. Practically all stocks of 1924 oil in the country have been cleaned out, or else holders are hanging on to realize higher prices which they feel will come during the next few months. Spot oil has been advanced anything from 25c to a dollar per pound by holders who have stocks. Inside for natural is now \$13.25 up to \$14.00. U.S.P. ranges from \$14.25 all the way to \$16.50 as to seller. Dealers here stated that they expected new crop offers to come out again in a week or two, but look for price around \$7.00 f.o.b. country or higher. With carry-over completely cleaned out, they state, the country has the situation tightly controlled.

Oil Rosemary—Strong position still maintained owing to smaller offers for shipment and at higher prices. Spot drums of U.S.P. oil firm at 45c inside; cans 48c. Technical oil at 38c. Any real demand will force prices higher, dealers say.

Oil Spearmint—Some houses state that \$4.00 is now their price, owing to the weather and peppermint situation in the Mid-West. Others hold that demand is nil and that \$3.75 can be done.

Oil Wormseed—Storm and weather conditions in Maryland last week are reported to have done considerable damage to the wormseed crop. The country is much firmer in its views. On spot some sellers have moved up to \$3.25 and \$3.35 lb.

Aromatic Chemicals

Benzaldehyde—Cheap imported material still selling on spot under makers' prices. Spot material, stated U.S.P., at \$1.00 lb. Makers quote \$1.30 for U.S.P.; \$1.50 for f.f.c.

Coumarin—Strong and in steady demand at \$3.25 lb. from either manufacturers or resellers.

Diethyl Phthalate—Competition is very keen. Prices have been shaded again and 30c lb. for drums from makers is now quoted, ranging to 32c. Cans at 35c@38c as to seller.

Safrol—Price is higher owing to being out of line with artificial sassafras and imported competition. Now inside from makers at 31c drums; 33c cans.

Menthol—The expected rise in menthol came this week and prices moved to \$11.00 for cases; less at \$11.25 lb. Stocks are more closely controlled and price is in line with shipment costs.

Vanilla Beans

Position is weaker and demand is not up to normal. Some prices have been shaded and actual firm orders are reported getting an inside. Mexican beans as to quality range from \$9.50 up to \$10.50 lb. Bourbons are \$8.50 to \$9.00. Tahitis are \$7.50@8.00. All these prices represent an easier trend compared to formerly quoted levels.

The Chicago Perfumery, Soap and Extract Association will hold two meetings in June and adjourn for the summer months. On June 3. R. C. Shuey, chemical engineer of the Bakelite Co., exhibited films showing the manufacture of bakelite.

Registration has been granted to Ungerer & Co., New York, on their trademark "Talcacreme" as applied to natural and synthetic products used for scenting face and talcum powders and creams.

LARGER VANILLA CROP PROMISED (Special Correspondence to DRUG & CHEMICAL MARKETS)

Vera Cruz, May 20.—If there are rains soon the vanilla crop will be fair for the coming season, but it has been very dry in the vanilla districts up to the present time. The rainy season does not usually begin here until June, so that dry weather is not unusual. If the rains begin during the first part of the month, there is every reason to believe that the crop will be fairly good.

The curers find that the 1924-25 vanilla yield is small after curing. The reason for this is that the green beans were cut too soon and were not fully developed. There is no government regulation in Mexico to prevent the cutting of the green vanilla beans before they are fully grown. The great shrinkage in the curing of the green beans is one reason for high prices. Buyers of the 1924-25 crop should be careful in making purchase, as many curers are curing for weight and not for quality. Some curers are trying to get a pound more weight from each 1,000 of the beans by not properly curing them. This vanilla will mould and be of no value within a short time after it is exported. The quality is always poorer when the market price is high as the curers are anxious to get them on the market as soon as possible. The uncured beans contain a certain amount of moisture which adds to the weight. It is estimated that with June rains the 1925-26 crop will be somewhat larger than the previous one.

The many small soap factories operating in Java are endeavoring to compete with foreign suppliers, and have been able to withstand foreign competition in very inferior grades of washing soap, but not in the better qualities involving the importation of raw materials for their manufacture, and before they can successfully do so the manufacture of glycerin will have to be established. One plant will be in operation soon. The German toilet soap factory at Garoet, Java, is successfully competing with foreign producers and is now exporting its products to neighboring countries.

Exports of coconut oil from Java increased last year compared with previous years, when shipments practically ceased. But the quantity exported in 1924, about 7,936,000 litres, against 16,000 litres in 1923 and 1,443,000 litres in 1922, is of minor importance. Great Britain was the principal buyer, talking 7,038,000 litres of which 666,000 litres were for transshipment while the rest found its way to Holland.

Exports of citronella oil from Ceylon in 1924 reached 1,405,273 pounds, the highest since 1915. The market ruled firm in Ceylon after a heavy fall in January until the last of June when there was another fall followed by a rising market.

The Latvian ministry of Finance has passed an order prohibiting the sale of imported perfumes by weight from bulk containers. Perfumes are to be sold only in original containers which will be sealed by customs officials on clearance.

Houbigant's Perfumery, Paris, recently celebrated its 150th anniversary with a luncheon which was attended by 2,000 employees. The firm was established in 1775 and has operated on its original site ever since.

The British vice-consul of Guadeloupe, E. St. George Lough, reports that the estimates of 1924-1925 crop of vanilla beans have been reduced from 45,000 pounds of cured beans to 40,000 pounds.

Due to damage by frosts, Neroli is going to be higher and the crop of roses will be delayed about ten days, according to Messrs. Tombarel Freres, Grasse.

Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

CLASSIFICATION—Prices quoted herein are listed in the following groups: Chemicals, including heavy, technical, and industrial chemicals; fine, medicinal, and photographic chemicals; coal-tar crudes and intermediates; tanning and dye extracts; dye and tan woods; naval stores; fillers and pigments; dextrines, sizes, and starches; fertilizer materials; accelerators and solvents, and miscellaneous products. Crude Drugs, including barks, herbs, roots, etc. Essential Oils, including oleoresins, synthetic aromatic chemicals and isolates. Fatty Oils, including animal, vegetable, and fish oils, tallowes, greases, and fats. All groups are in alphabetical order.

Packages—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

QUOTATIONS—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical products are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available,

and indicated as such. Chemical prices quoted herein are for goods spot New York or Metropolitan District, f. o. b. or ex-store, for immediate shipment, unless otherwise specified. Numerous domestic made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

WEIGHTS AND MEASURES—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20 American Gallons
1 American Gallon	— .833 Imperial Gallon
1 American Gallon	—3.79 Liters
1 Liter	— .264 American Gallon
1 American Gallon (Water)	—8.35 Pounds
1 Pound (Avoirdupois)	— .454 Kilogram
1 Kilogram	—2.20 Pounds

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Chemicals

ASETANILID, tech. 150 lb bbls.34	: .38
100 lb kgs.27	: .30
USP, 300 lb bbls.35	: .37
Second Hands . . . . .	.35	: .36
Acetic Anhydride		
85-90%, 107 lb chys. . . . .	.38	: .40
90-95%, 100 lb chys. . . . .	.41	: .45
CP, 100 lb chys. . . . .	.75	: .86
Acetone, CP 700 lb drs e/l wks . . . .	. . .	: .13
700 lb drs. l/1 wks. . . . .	.13	: .13½
350 lb drs. l/1 wks. . . . .	.14	: .14
Tank cars, wks. . . . .	.12	: .12
Acetone, 50 gal drums . . . . .	. . .	: .37½
Acetone Oils, light, drs. wks.	1.40	: 1.45
Heavy, drs., wks.	1.40	: 1.45
Acetophenetidin, 225 lb bbls.	1.80	: 1.90
Acetyl Chloride, 100 lb chys. . . . .	.33	: .35
ACID, 1, 2, 4, 350 lb bbls. . . . .	. . .	: 1.30
Acetic, 28%, 400 lb bbls. e/l wks. . . . .	. . .	: 3.00
28%, l/1 wks. . . . .	. . .	: 3.25
56%, c/l wks. . . . .	. . .	: 5.60
56%, l/1 wks. . . . .	. . .	: 5.85
70%, bbls. c/l wks. . . . .	. . .	: 6.89
70%, l/1 wks. . . . .	. . .	: 7.14
80% coml. bbls. c/l wks. . . . .	. . .	: 7.73
80% coml. l/1 wks. . . . .	. . .	: 8.08
80% pure bbls. c/l wks. . . . .	. . .	: 8.72
80% pure l/1 wks. . . . .	. . .	: 9.87
Glacial, bbls. c/l wks. . . . .	. . .	: 10.57
Glacial, l/1 wks. . . . .	. . .	: 10.82
Glacial, USP chys. wks. . . . .	. . .	: 11.32
Acetylsalicylic, 225 lb bbls. . . . .	.75	: .80
Second Hands . . . . .	.70	: .72
Anthranilic, tech. drs. . . . .	. . .	: .80
99-100%, 100 lb drs. . . . .	.98	: 1.00
Benzoic, tech. 100 lb bbls. . . . .	. . .	: .65
Tech. ten lots bbls. . . . .	. . .	: .60
USP, 100 lb bbls. . . . .	.69	: .70
Second Hands . . . . .	.68	: .67
Boric, crys. powd. 250 lb bbls. . . . .	. . .	: .09½
Keps. 100 lb . . . . .	.10	: .10½
Bromine's 250 lb bbls. . . . .	. . .	: 1.35

ACID		
Butyric, 60% pure, 5 lb bot. . . . .	.55	: .60
90% . . . . .	.70	: .75
C.P. 10 lb bot.	1.25	: 1.50
Camphoric USP, VIII 1 lb bot.	5.50	: 5.70
Carbolic, USP crys. see also Phenol		
112 lb tins . . . . .	.26	: .27
25 lb tins . . . . .	.28	: .29
5 lb tins or bot. . . . .	.30	: .32
1 lb bot. . . . .	.38	: .38
Liquid USP, 1 lb bot. . . . .	.34	: .35
Crude, 35% 50 gal bbls. gal . . . . .	.33	: .35
10%, 50 gal bbls. gal . . . . .	.37	: .30
Carbonic, see Carbon Dioxide		
Chloracetic,		
mono 100 lb bbls. wks. . . . .	. . .	: .25
DI, 150 lb chys. wks. . . . .	. . .	: 1.00
Tri, 5 lb bot. . . . .	. . .	: 2.60
Chloroformic, 1500 lb drs. . . . .	.15	: .16
Chromic, USP, 200 lb drums . . . . .	. . .	: .37
85% Pure, 200 lb drums . . . . .	. . .	: .35
Chromotropic, 300 lb bbls. . . . .	. . .	: 1.85
Chrysophanic, see Chrysarobin		
Cinnamic, 5 lb cans	3.25	: 3.50
CITRIC, USP, cryst. 350 lb bbls. . . . .	. . .	: .45½
Powd., USP, 300 lb bbls. . . . .	. . .	: .46½
Imported crys. 112 lb kgs. . . . .	.46	: .47½
Single kgs. . . . .	. . .	: .47
Cleves, 350 lb bbls. . . . .	.95	: .97
Cresylic, 95% dark dr. NY. gal . . . . .	.62	: .64
97-99% pale, dr. NY. gal . . . . .	.64	: .66
Crude, spot, drums . . . . .	. . .	: . . .
Diethylbarbituric, Dom. 25 lb lots, 1 lb bot.	8.00	: 9.00
Imp. 10 lb lots	4.00	: 4.15
Formic, 85% tech. 140 lb chys. . . . .	.10½	: .11
90% 80 lb chys. incl. . . . .	.11	: .11½
Gallie, USP, 150 lb bbls. . . . .	. . .	: .65
Gamma, 225 lb bbls. wks.	1.40	: 1.45
Glycerophosphoric, 25% 1 lb bot.	1.85	: 1.95
H 225 lb bbls. wks. . . . .	.68	: .72
Hydrolic, 10% USP 5 lb bot. . . . .	.65	: .70

ACID (Cont.)		
Hydrochromic, 48% coml. 155 lb chys. wks. . . . .	.45	: .48
48% coml. 10 chys. wks. . . . .	. . .	: .45
40% USP, 155 lb chys. wks. . . . .	. . .	: .55
10% USP, 100 lb chys. wks. . . . .	. . .	: .13
Hydrochloric, see also Acid Muriatic		
CP, USP, 110 lb chys. . . . .	.07	: .08
Hydrocyanic, wks. cyl. . . . .	.90	: 1.00
HYDROFLUORIC, 30% 400 lb bbls. wks. . . . .	. . .	: .08
30% 100 lb chys. wks. . . . .	. . .	: .08
48% single 100 lb chys. wks. . . . .	. . .	: .10
52% 100 lb chys. wks. . . . .	. . .	: .12
52% 10 chys. wks. . . . .	. . .	: .11
60% 100 lb chys. wks. . . . .	. . .	: .14
60% 300 lb dr., wks. . . . .	. . .	: .13
White Acid, 100 lb chys. wks. . . . .	. . .	: .28
White Acid, 10 chys. wks. . . . .	. . .	: .35
Hydrofluosulfic, 35% 450 lb bbls. wks. . . . .	.10	: .12
Hypophosphorous, USP 30% 5 gal demis. . . . .	. . .	: .35
USP, 10% 5 gal demis. . . . .	. . .	: .36
LACTIC, 22% dark 500 lb bbls. . . . .	.05½	: .06
22% light, bbls. . . . .	.06½	: .07
44% dark, bbls. . . . .	.11	: .13
44% light, bbls. . . . .	.13	: .13½
66% dark, bbls. . . . .	.18	: .18½
66% light, bbls. . . . .	.26	: .27
USP, IX 100 lb chys. . . . .	. . .	: .70
USP, VIII 100 lb chys. . . . .	. . .	: .59
Laurent's, 350 lb bbls. . . . .	.60	: .65
Metanilic, 250 lb bbls. . . . .	.60	: .68
Mixed, sulfuric-nitric		
Drums, wks.	N Unit	: .07½
Drums, wks.	N Unit	: .01
Tank cars, wks.	N Unit	: .06
Tank cars, wks.	N Unit	: .01
Molybdic, 85% pure 100 lb kgs.	1.25	: 1.30
100% C. P. 100 lb kgs.	1.30	: 1.35
Monosulfonic F, Delta, 50 lb tins	1.75	: 1.80

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Chemicals

ACID			ACID			ACID		
MURIATIC, 20° ctya, 1c/l			Picric, 450 lb bbls.26	.27	Tungstic, 100 lb kgs.	1.00
vsa. ....100 lb	1.60	1.70	Bbla. car lots. vsa. ....	...	.25	Valeric, C. P., 10 lb bot.	2.50	2.75
Ctya. c/l vsa. ....100 lb	...	1.35	Pyrogallic, ctya. 5 lb cans.	1.25	1.30	Aconitine Alk. cryst. 1 oz. vsa. ....	...	30.00
Tank cars, vsa. ....100 lb	...	1.00	Resublimed, 5 lb cans.	1.50	1.60	Amorphous, 1 oz vsa. ....	...	20.00
18°, 130 lb ctya. ....	...	...	Tech. powd., 200 lb bbls. ....	...	.85	Adeps Lanae, hydrous 350 lb bbls. ....	.13	.21
c/l vsa. ....100 lb	...	1.25	Salicylic, tech., 125 lb bbls. ....	.33	.34	Anhydrous, 350 lb bbls. ....	.13	.23
Tank cars, vsa. ....net ton	...	...	USP, 100 lb bbls. ....	.34	.35	Albumen, Egg. edible	1.20	1.25
22°, 130 lb ctya. ....	...	...	Second Hands ....	.33	.34	Tech. 100 lb drs. ....	.95	1.15
c/l vsa. ....100 lb	...	1.35	Sulfanilic, 250 lb bbls. ....	.15	.18	Blood 225 lb bbl. ....	.48	.50
Muriatic, CP & USP, see Acid Hydrochloric			SULFURIC, 66° 180 lb ctya.	1.50	1.85	Vegetable ....	.60	.65
Naphthionic, tech. 250 lb bbls. ....	.55	.59	le/l vsa. ....100 lb	...	1.25	ALCOHOL, USP, 190 pf. 50 gal.		
Refined, single bbla. ....	...	.62	Ctya, c/l vsa. ....100 lb	...	1.25	bbla.	4.90	5.00
Novic & Winther's, 350 lb			1500 lb Drums, 1c/l	...	1.10	Second Hands, bbla, USP 190		
bbla.	1.00	1.05	vsa. ....100 lb	...	.80	pf. ....	...	...
NITRIC, 36°, 135 lb			Drums, c/l vsa. ....100 lb	...	.80	Export, USP, 190 pf. ....	.60	.85
Ctya. 1c/l vsa. ....100 lb	4.75	5.00	Tank cars, vsa. ....net ton	...	14.00	Cologne Spirit, 50 gal. bbla.	5.00	5.10
Ctya. c/l vsa. ....100 lb	4.50	4.75	60° 1500 lb Drums			WOOD, see Methanol		
38° le/l ctya. vsa. ....100 lb	5.25	5.75	le/l vsa. ....100 lb	...	1.00	Alcohols also in 50 gal.		
Ctya., c/l vsa. ....100 lb	5.00	5.25	Drums, c/l vsa. ....	...	.80	drums extra and returnable.		
40° le/l ctya. vsa. ....100 lb	5.75	6.00	Tank cars, vsa. ....net ton	9.50	10.00	Butyl, 50 gal dra. vsa, c/l. ....	.25%	.26%
Ctya, c/l vsa. ....100 lb	5.50	5.75	C.P. 175 lb ctya. ....	.07	.08	Drums, 1c-l vsa. ....	.25%	.26%
42° le/l ctya., vsa. ....100 lb	6.25	6.75	Oleum 20 p.e. 1500 lb drums			Tank cars, vsa. ....	.24%	.25%
Ctya., c/l vsa. ....100 lb	6.00	6.25	le/l vsa. ....100 lb	...	1.40	Isobutyl, crude, 50 gal dra. ....	...	...
C. P. ctya. single vsa. ....100 lb	.12	.13	Drums, c/l vsa. ....100 lb	...	1.15	Refined, 10 lb can. ....	...	...
Orville, 300 lb bbla., vsa. ....	.10%	.11	Tank cars, vsa. ....net ton	17.00	18.00	Isopropyl, Refined, 90-91%.	1.00	1.25
Bbla., NY ....	.10%	.11	Oleum, 40% dra le/l vsa. ....net ton	...	40.00	50 gal. dra.	1.00	1.25
Kags, 100 lb NY ....	.11%	.11%	Oleum, 60% dra., le/l vsa. ....net	...	60.00	Ref'd, 98-99%, dra.	1.25	1.50
Imp, 500 lb casks ....	.10%	.11	ton 60.00	70.00		Propyl. uml. cri. 50 gal. dra. ....	...	4.40
Phenylcinchochine, domestic ..	9.30	9.60	Sulfurous, USP 6% 100 lb ctya. ....	.05	.06	Refined, 10 lb cans. ....	...	.75
Imported, 5 lb	6.00	6.25	4% 100 lb ctya. ....	.04	.05	Denatured		
Phosphoric, 50% tech. 150 lb			USP, 5 gal. demis. ....	.06	.08	No. 1, Complete Denat. 190 Proof		
ctya. ....	.07	.07%	Tannic, tech. 300 lb bbla. ....	.30	.40	50 gal. bbl. incl. ....	.61%	.63%
Drums, c/l vsa. ....100 lb	...	.80	USP, powd. 200 lb bbla. ....	.75	.80	Car lots ....	...	.59%
demis. ....	.15	.17	USP, fluffy, 50 lb bbla. ....	...	.80	50 gal. drums, extra. ....	.62%	.64%
Imported ....	...	.18%	Tartaric, USP, cryst. 300 lb bbla. ....	...	.29	Car lots ....	...	.60%
Second Hands ....	.15	.16	USP, powd. 300 lb bbla. ....	...	.29	No. 1, Special Denat. 190 Proof		
Phtalic, see Phtalic Anhydride			Imp. USP, 240 lb bbla. ....	.275	.29	50 gal. bbl. incl. ....	.60%	.62%
Picramic, 300 lb bbla.50	Powd., 240 lb bbla.28	.28%	Car lots58%
			Tobias, 250 lb bbla.35			

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Chemicals

ALCOHOL, DENAT. (Cont.)

50 gal. drums, extra.....gal	.52½	.54½
Car lotsgal		.50½
No. 5, Complete Denat. 188 Proof		
50 gal. bbl. incl.....gal	.59½	.61½
Car lots .....gal		.57½
50 gal. drums, Extra .....gal	.52½	.54½
Car lots .....gal		.50½
No. 6, Complete Denat. 188 Proof		
50 gal. bbls. incl.....gal	.58½	.60½
Car lots .....gal		.56½
50 gal. drums, extra.....gal	.51½	.53½
Car lots .....gal		.49½

In addition to the regular authorized formulae for completely denatured alcohol, some 75 formulae for specially denatured alcohol are authorized for special uses. Owing to the limitations of their uses however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulae in products authorized by the Dept. of Internal Revenue.

Aleoh, USP, 100 lb casks.....lb	.85	.88
Alpha-Naphthol crude 300 lb bbls. lb		.65
Refined .....lb	.85	.90
Alpha-Naphthylamine, 350 lb bbls. lb	.35	.37
Ten lots, bbls. wks.....lb		.35
ALUM, Ammonia, lump 400 lb bbls.		
wks, 1c/l.....lb	3.15	3.50
Imp., 500 lb casks.....100 lb		
Ground, 400 lb bbls. wks.100 lb	3.30	3.75
Powd., 380 lb bbls. wks.100 lb	3.55	3.90
Chrome, 500 lb cks. wks.100 lb	5.25	5.50
Potash, lump 400 lb bbls.		
wks.....100 lb	3.50	3.75
Bbls., c/l wks.....100 lb	3.35	3.40
Ground, 400 lb bbls. wks.100 lb	3.50	3.85

ALUMS, Potash (Cont.)

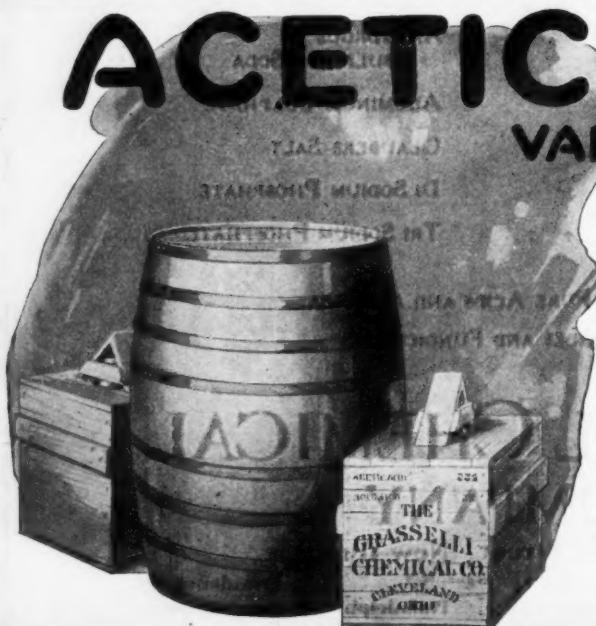
Imp., 350 casks.....100 lb	2.75	
Powd., 380 lb bbls. wks.....100 lb	4.00	4.50
Chrome, 500 lb cks. wks.....100 lb	5.25	5.50
Soda grd. 400 lb bbls. wks.100 lb	3.75	
Bbls., c/l wks.....100 lb	3.50	
Aluminum, metal, c/l NY.....100 lb	27.00	28.00
Chloride, anhyd. 275 lb drs. lb	.20	.22
Crystals, 375 lb bbls.....lb		.06½
30% sol. 120 lb cys.....lb	.03½	.04
Hydrate 96% light 90 lb bbls. lb	.17	.18
Heavy 62-64%, 220 lb bags lb	.06	.06½
400 lb bbls. wks.....lb	.06½	.07
Stearate, 100 lb bbls.....lb	.21½	.22
SULFATE, Iron-free bags c/l		
wks.....100 lb	3.00	3.10
Bbls., c/l wks.....100 lb	2.15	2.25
Imported, spot .....100 lb	1.70	1.75
Comm'l. ½% iron bags c/l		
wks.....East 100 lb	1.40	
Cont. bags c/l wks. E.100 lb	1.35	1.40
Bags, c/l wks. W.....100 lb	1.40	
Bbls., c/l wks. East.100 lb	1.55	
Bulk, c/l cont. wks. E.100 lb	1.50	

Amidol (see Diaminophenol)

Androsprine, Imp., 10 lb boxes..lb		
Domestic, 10 lb boxes.....lb	4.60	4.75
Aminonobensene, 110 lb kgs.....lb	1.15	
AMMONIA, anhyd. 100 lb cyl.....lb		.30
Water, 26° 800 lb drs. wks.....lb		.06½
Drs. c/l wks.....lb		.06½
C.P., cys.....lb	.12	
Imp., 800 lb drs. incl. spot.....lb	.06½	.06½
26° 100 lb cys. 1c/l wks.....lb	.08½	.08½
Cys., c/l wks.....lb	.08½	
20° 800 lb drs. c/l wks.....lb	.04½	
Cys. 1c/l wks.....lb	.05½	
18° 800 lb drs. c/l wks.....lb	.04½	
Cys. 1c/l wks.....lb	.04½	

AMMONIA (Cont.)

16° 800 lb drs. c/l wks....lb		.03½
Cys., 1c/l wks.....lb		.04
Ammonium Acetate, 100 lb kgs. lb		.43
Benzonate, USP, 1 lb bot.....lb		1.37
Bifluoride, 300 lb bbls.....lb	.21	.22
100 lb kgs.....lb	.23	.23
Bromide, 450 lb bbls., 50 lb drs. lb	.53	.54
Imported, 112 lb boxes.....lb	.50	.54
Shipment .....lb		.52
Carb. tech. 560 lb casks.....lb	.08½	.09
Powd., tech. 385 lb bbls. lb	.07½	.08
USP, lump, 100 lb kgs.....lb	.12	.12½
Powd., 100 lb kgs.....lb	.13	.13½
Chloride, Domestic		
White, 250 lb bbls., c/l.....lb		.07
250 lb bbls., 1c/l wks. lb	.07½	.07½
Imported white 600 lb casks spot	.05½	.05½
Gray, 250 lb bbls., wks.....lb	.07½	.08½
Bbls., c/l wks.....lb		.07½
Imported gray 250 lb casks.....lb	.06½	.07
Lump, 500 lb casks spot.....lb	.12	.12½
Icthyolate, as to brand.....lb	4.85	5.00
Iodide, USP, 25 lb jars.....lb		5.20
Lactate, 500 lb bbls.....lb	.15	.16
Nitrate, tech., cys., 225 lb bbls. lb		
Refined Crystals, bbls. ....lb	.21	.23
CP gran. 100 lb kgs.....lb	.35	.37
Oxalate, pure, 100 lb kgs.....lb	.35	.37
Permulfate, 220 lb bbls.....lb	.28	.29
Phosphate, dibasic 200 lb bbls. lb		.38
Tech. powd. 325 lb bbls.....lb		.18
Phosphate, mono, 325 lb bbls. lb	.12	.12½
Sulphate USP, 100 lb kgs.....lb	.75	.80
Sulfate bulk c/l wks.....100 lb	2.60	2.65
200 lb single bags, c/l wks.100 lb		2.90
200 lb double bags f a s 100 lb		2.55
Sulfoeyanide, tech., 100 lb kgs lb	.40	.45
CP, 25 lb jars.....lb	.50	.58
Amyl Acetate, tech. 60 gal. drs. gal	3.75	3.35
Refined, 50 gal. drums.....gal	3.50	4.00
Alcohol, see Fuel Oil		



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Chemicals

ANILINE OIL, 900 lb drums....D	.18	: .17	BARIUM BINOXIDE, see Barium chloride			Benzol, see Benzene		
Aniline Salt, 200 lb bbls....D	.20	: .22	Carbonate, precip., 300 lb bbls.			Benzonaphthol, 5 lb boxes.....D	3.50	: 3.60
Ammonia, 250.....D	.41	: .43	Wks. ....ton	56.00	: 58.00	Benzoyl Chloride, 500 lb drs..D		: 1.00
Anthracene 80-85% 600 lb cases			Precip., 200 lb bgs, wks, ton	54.00	: 56.00	Benzyl Acetate, 100 lb chys....D	1.55	: 1.75
Wks. ....D	.65	: .70	Imports bags, NY	48.00	: 50.00	Alcohol, 5 lb bot.....D	1.45	: 1.55
Anthraquinone, subl. 125 lb bbls D	1.00	: 1.15	Chloride, 800 lb bbls, wks..ton	70.00	: 72.50	Benzoate, 5 lb bot.....D	1.60	: 1.75
Antimony metal, slabs ton lots..D		: .17½	200 lb bgs, wks. ....ton	65.00	: 68.00	Medicinal FFC	1.75	: 2.00
Needle Powd., 100 lb cases..D	.15½	: .16	Imports, large crystals, bbls.			Chloride, 95% tech. 925 lb drs. D		: .25
ANTIMONY CHLORIDE, anhyd 1000 lb			spot	61.00	: 62.00	100 lb chys. ....D	.25	: .50
dra. ....D		: .35	Small crystals	60.00	: 61.00	Redistil. 160 lb chys. ....D	.30	: .35
50 lb crocks.....D	.45	: .48	Dioxide, 88% 690 lb drs....D	.13	: .13½	Formate, 1 lb bot. ....D	3.25	: 3.50
Sol'n, 130 lb cartons 33°..D		: .06	Import, 86-88% 400 lb drs. D	.13	: .13½	Berberine Hydrate, 1 lb bot....D		: 22.50
Oxide, 500 lb bbls.....D		: .17	Hydrate, 500 lb bbls.....D	.04½	: .05	Sulfate, acid or neut. 1 lb bot. D		: 22.00
Salt, dom. 500 lb bbls.....D		: .26	Iodide, 5 lb box		: 5.15	BETA-NAPHTHOL, 350 lb bbls.wks.D	.24	: .25
Imp. NY		: .20	Nitrate, 700 lb cases		: .10	Carlots, wks. ....D		: .23
Sulfuret, golden 500 lb bbls..D		: .20	Imports cases .....	.07½	: .08	Sublimed .....	.55	: .60
330 lb kegs .....	.22	: .23	Sulfocyanide, 600 lb bbls....D	.28	: .30	Beta-Naphthylamine, tech. 300 lb		: .63
Crimson, 500 lb bbls .....	.48	: .55	Barwood, chips .....	.04½	: .05	bbls. ....D		: .67
336 lb kegs .....	.50	: .57	Barytes, floated 350 lb bbls.wks.ton	23.00	: 24.00	Sublimed, 200 lb bbls. ....D		: 1.35
Vermilion, 500 lb bbls .....	.48	: .53	Imported	29.00	: 33.00	Bichloride Mercury, see Mercury Bichloride		
336 lb kegs .....	.50	: .60	Crude, c.l.f. ....ton		: 2.00	BISMUTH metal, 100 lb cases..D	2.00	: 2.12
Tartroacetate, 500 lb bbls....D		: .45	Ray Rum, Porto Rico, genuine			Second Hands		: 2.00
Antipyrine, USP, 100 lb cases..D	1.75	: 1.90	Medicated salicyl. acid or tartar emetic			Ammon. Citrate, USP, 5 lb cases D		: 5.30
Apomorphine Hydrate, ¼ oz. vials		: 22.10	45 gal. bbls. ....gal	.90	: 1.00	Betanaphthol, 5 lb bxs.....D		: 2.80
Archd., double 600 lb bbls....D	.13	: .14	Medicated quinine sulf. 45 gal.			Citrate, USP, 5 lb cases		: 2.50
Triple, 600 lb bbls .....	.16	: .17	bbls. ....gal	.90	: 1.00	Nitrate, 25 lb jars		: 1.60
Conc., 600 lb bbls. ....D	.18	: .20	Domestic synthetic, 50 gal			Oxychloride, 25 lb bxs.....D		: 2.95
Arecoline Hydrate, 1 oz. vials..oz	8.75	: 10.25	Bbls. ....gal	.75	: .77	Phenolsulfonate, 5 lb cases....D		: 2.70
Argols, red powd., 350 lb bbls..D	.06½	: .07	St. Thomas			Salicylate, 25 lb bxs.....D		: 1.70
Arsenic, metal 220 lb kegs.....D		: .45	Medicated salicyl. acid or tartar emetic, 50 gal. bbls..gal	.90	: .95	Subcarbonate, USP, 25 lb bxs..D		: 2.85
Red, 224 lb kegs cases .....	.12½	: .13	Benzaldehyde, tech. 945 lb drs.			X-Ray diag. 1 lb bot		: 3.33
White 220 lb cases to 850 lb			Wks. ....D	.70	: .75	Subgallate, USP, 25 lb bxs..D		: 2.20
bbls, NN .....	.05	: .05½	USP, 40 lb chys. ....D	1.30	: 1.40	Subiodide, 5 lb lots		: 4.05
Asbestine, c/l	18.00	: 18.00	FFC, 40 lb chys. ....D	1.40	: 1.50	Subnitrate, USP, 25 lb jars..D		: 2.25
Ac/1	22.00	: 22.00	BENZENE, 90% 8000 gal. tanks			Second Hands		: 2.00
Aspirin, see Acid acetylsalicylic			Wks. ....gal		: .23	Cones, 1 lb bot		: 3.25
Atropine Alk, USP 1 oz vial....oz	6.50	: 7.50	110 gal. drs, wks....gal		: .28	Subsalicylate, USP, 25 bxs....D		: 2.50
Sulfate, 5 oz cases		: 3.50	Pure Tanks, wks....gal		: .24			
Single ounce		: 8.65	110 gal. drs, wks....gal		: .29			
			Benzidine Base, dry 250 lb bbls.D	.75	: .76			
			Benzidine Sulfate, paste 350 lb					
			bbls.D	.70	: .72			

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Tannate, 1 lb bot.	2.35	
above on basis 25 lb lots.		
Smaller lots at an advance.		
Black Fire, dry 400 lb bbls. wks. ton	80.00	90.00
Imported, bbls.	70.00	73.00
Paste, 550 lb bbls.	55.00	65.00
BLEACHING POWDER, 700 lb dra.		
e/l wks.	2.00	
Drums, 1e/l ex-warehouse	2.35	2.50
Contract, e/l wks.	1.90	2.15
Drums, 1e/l wks.	2.15	2.40
Imported, spot.	1.95	2.05
Blood, dried, f o b NY.	3.60	3.65
Chicago.	3.50	
S. Am. shipment.	3.75	3.90
Blue Ointment, see Mercury		
Blues, bronze Chinese, Millor,		
Prusian, Soluble. ....	.33	.35
Blue Vitriol, see Copper Sulfate		
Bone, 3 & 50 gr. steam, Chgo unit	32.50	
Raw, NY.	36.00	
Bone Ash, 100 lb kegs. ....	.06	.07
Black, 200 lb drums. ....		.06
Borax, crys. 400 lb bbls. ....	.05 1/4	.05 3/4
Powdered, 300 lb bbls. ....	.05	.05 1/4
Kags, 100-150 lb. ....	.05 1/4	.06
Bordeaux Mixture, 16% pd. bbls. lb	.11 1/4	.12
Paste, bbls. ....	.08	.10
Boraxol, 1 lb bot.		3.50
Borax, see Sulfur		
(Freight allowed)		
British Gum, com. e/l.	5.03	5.07
1e/l.	5.12	5.17
Potatoes, 1e/l. ....		.09
Bromide, see potash, bromide, etc.		
Bromine, bot. in 50 lb ca. wks. ....	.47	
Bromobenzene, 500 lb drums. ....	.40	.42
Bromoform, USP 5 lb bot. ca. lb	1.75	1.85
Bromine Alkaloid, 100 gm. ....		.10
Sulfate, 100 gm. ....		.10
Buster of Antimony, see Antimony Chloride		
Butyl Acetate, tank cars, wks.	2.35	
Drums, e/l wks.	2.37	

CADMIUM, metal 100 lb bxs.		
Bromide, 50 lb cases jars.	1.20	
Iodide, 10 lb bot.	4.45	
Sulfide, ca.	1.50	1.60
CAFFEINE ALK, USP 5 lb cans.	3.75	3.85
Second Hands.	3.50	3.60
Hydrochloride, 1 lb bot.	6.05	6.55
Sulfate, 1 lb bot.	5.40	5.90
Citrate, 25 lb cans.	2.70	2.80
Hydrobromide, 1 lb bot.	4.65	4.90
CALCIUM, Acetate, 150 lb bgs, e/l		
100 lb.	2.75	
Arsenate, 100 lb bbls e/l wks. lb	.07	.08
Bromide, 100 lb ca. ....		.60
Carbide, 220 lb dr, e-l wks. ....		.04 1/4
Carbonate, tech., 100 lb bags		
e/l.	1.00	1.10
USP, precip. 175 lb bbls. ....		.06 1/4
Chloride, solid, 650 lb dra e/l		
f.o.b. wks.	21.00	23.00
Impa.	19.00	20.00
Flake, 375 lb dra. e/l dra. f.o.b.		
wks.	27.00	
Anhyd. 350 lb dra. f.o.b. NY. ....	.13	.20
Glycerophosphate, 250 lb bbls.		1.40
Hydrate, see Lime		
Hypophosphite, USP, 25 lb cans. lb	.60	.65
Iodide, 5 lb bot.		4.40
Lactate, tech., 500 lb bbls. ....		.13 1/4
USP. ....	.50	.60
Nitrate, 220 lb bbls. e/l NY. ton		50.00
Phosphate, tech., 450 lb bbls. ....	.09	.10
Phosphate, precip. tribasic, 200 lb		
bbls., wks. ....	.11	.14
Phosphate, mono, 325 lb bbls. ....	.07	.08
Sulfocarbonate, 100 lb kegs. ....	.55	.57
CAMPOR, Amer. ref. 350 lb		
bbls.	84	
2 1/4 lb slabs, 100 lb ca. ....		.85 1/4
1 lb cakes, 100 lb ca. ....		.85 1/4
1 ca. tab., 1 lb ctan. ....		.89
100 lb ca. ....		.89
1/4 ca. tab., 1 lb ctan. ....		.90
100 lb ca. ....		.90

CAMPOR (Cont.)		
Jap. ref., 2 1/4 lb slabs, 100 lb		
ca. ....		.75
1 ca. tab., 100 ca. 1 lb		
tins. ....		.90
1/4 ca. tab., 100 lb ca., 1 lb		
tins. ....		.91
Chinese ref. 2 1/4 lb slabs 100 lb		
ca. lb. ....		.54
Crude, 100 lb ca. ....		.56
Campor, Liniment, bbls.	2.30	2.40
Campor, Monobrom, 100 lb ca.	1.85	1.90
Camwood, chips. ....	.09	.10
Caramel, 50 gal. bbls. ....	.85	.90
Carbazol, 250 lb bbls. ....		.50
Carbon Bisulfide, 500 lb dra 1e/l NY lb	.06	.06 1/4
e/l drums, NY. ....		.05 1/4
Carbon Black, e/l wks. bgs. ....		.06
100-300 lb cases 1e/l NY. ....	.07	.08
Carbon Dioxide, Liquid, 20-25 cy. lb		.06
Carbon Tetrachloride, 1400 lb dra.		
NY. ....	.07	.07 1/4
Drums, e/l NY. ....		.06 1/4
700 lb dra, single NY. ....	.07 1/4	.08
Carmine, No. 40, 5 lb boxes.	4.50	4.75
Casein, edib., 100 lb keg. ....		.45
Tech. Imp, 200 lb bbls. ....	.12 1/4	.12 1/2
Tech. Dom. ....	.13	.14
100 mesh. ....	.16 1/4	.17
Castoreum, 1 lb boxes.	4.80	5.00
Castor Oil, USP, 50 gal. bbls. ....	.17	.17 1/4
Cases, 80 lb 2 tins. ....	.18	.18 1/4
Tech., see Fixed Oils		
Caustic Potash, see potash, caustic		
Soda, see soda, caustic		
Cellulose Acetate, 100 lb cases.	1.75	2.00
Cerium Oxalate, USP 100 lb kegs. ....	.35	.36
Chalk, drop 175 lb bbls. ....		.03 1/4
Precip. light 250 lb ca. ....	.04 1/4	.04 1/2
Precip. heavy 500 lb ca. ....	.03 1/4	.03 1/2
Bulk.	5.00	5.00
Precip. English, 7 lb bags.07 1/4	.08 1/4
Precip. heavy 500 lb ca.03 1/4	.03 1/2

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Chemicals

CHARCOAL (Cont.)			Cineboudin Sulfate, 100 oz. tins. os			Colchicine alk. USP, 1 oz. vial. .ow		
Wood, powd., 100 lb bbls. .D	.04	.65	Remale, 1000 oz. lots. .os	.39		Salicylate, 1 oz. vial. .os	.15	.07
Willow, powd., 100 lb bbls. .D	.05%	.06	Cinchonine alk. powd. 100 oz. tins			Colloid USP 30 lb drums. .D	.23	
Chestnut, clarified, 25% tins. wks. .D	.015%	.02	Crystal	.43		COPPER metal electrolytic e/l		
Bbls., wks. .D	.02%	.02%	Sulfate, 100 oz. tins. .os	.25		NY	13.62 1/2	13.75
Powd., 60% 100 lb bags, wks. .D	.05%	.05%	Citric Acid, see Acid Citric			Lake e/l NY	13.75	13.87 1/2
Decolorized, bags, wks. .D	.04 1/2	.07	Citrine Ointment, see Mercury			Casting, e/l NY	14.00	
China Clay, Dom. .ton	6.00	9.00	Coal Tar, See Tars			Carbonate, 400 lb bbls. .D	.18%	.17%
Washed & Ground, wks. .ton	11.00	15.00	Cobalt metal, 100 lb kegs. .D	2.50	3.00	Chloride, 250 lb bbls. .D	.28	
Imp., Filler Clay .ton	16.00	23.00	Cobalt Oxide, 500 lb bbls. .D		2.10	Cyanide, 100 lb drs. .D	.48	.50
Coating .ton	20.00	25.00	10 lb tins, 200 lb cases. .D		2.20	Iodide, 5 lb bot. .D	.56	.58
Chloral Hydrate, USP 100 lb drs. .D	.60	.65	COCAINE alk. USP, 1 oz. vial. .os		10.57	Oxide, red 1600 lb bbls. ton lots. .D	.16 1/2	.17
25 lb jars .D	.68	.70	Hydrochloride, USP—1 oz. vials.			Sub-Acetate, verd. 440 lb bbls. .D	.23	.27
Chinoidin, 140 lb drs. .D		.48	25 cm. .os		8.07	SULFATE, crys. 450 lb bbls. le/l		
Chloramine-T, 200 lb bbls. .D	1.35	1.50	In 1/4 oz. vials .os		8.50	spot	4.60	4.65
Chloroform, 5 lb bot. .D	.55	.63	In crystals, granular, powder, or flaky crystals as desired.			Carlots bbls delivered 100 lb	4.50	4.60
Chlorhydrin, Ethylene anhyd. 600 lb drums .D	.75	.85	Cocoa Butter, bulk, 200 lb bales			Carlots bbls F O B NY 100 lb	4.50	4.65
40% soln. 100 lb cys. .D	.25	.30	e/l .D	.26 1/2	.27	Imp. 550 lb cks spot. .100 lb		
CHLORINE, Liquid 2000 lb cyl.			Fingers, cakes, etc. 12 lb bxs. .D	.85	.37	Powdered, 350 lb 5 bbls. .D		
e/l wks. .D	.04 1/2		CODEINE, alk., oz. vials. 10 oz. lots		9.87	Copperas, bulk, e/l wks. .ton		13.00
Tank car lots, wks. Contract. .D	.04		Hydrobromide, 1 oz. vials, 10 oz. lots		7.92	200 lb bbs., e/l wks. .ton		16.00
100 lb cyl. e/l .D	.05 1/2	.05%	Hydrochloride, 1 oz. vials, 10 oz. lots		7.42	400 lb bbls, e/l wks. .ton		17.00
100 lb cyl. le/l wks. .D	.07	.08	Nitrate, 1 oz. vials, 10 oz. lots. os		8.87	Powdered, bbls. .100 lb	1.90	2.00
100 lb cyl. le/l ex-warehouse. .D	.08	.09	Phosphate, 1 oz. vials, 10 oz. lots		7.42	Sugar, 400 lb bbls. .100 lb	1.35	1.35
Chlorobenzene, mech. 100 lb drs. wks. .D	.08	.10	Salicylate, 1 oz. vials, 10 oz. lots		7.42	Corn Syrup, 42 deg. 50 gal.		
Drs. e/l wks. .D	.07 1/2		Sulfate, 1 oz. vials, 10 oz. lots. os		7.92	bbls. .100 lb		4.36
Tank car lots wks. .D	.07 1/2		Small sizes, 1/4 oz. vials, 50c extra.			43 deg. 50 gal. bbls. .100 lb		4.41
CHLORFORM, USP, 50 lb drs. .D	.30		1/4 oz. 30c extra, singles 7c extra			44 deg. 50 gal bbls. .100 lb		4.46
Second Hands, 650 lb drs. .D	.25	.27	per oz.—25 oz lots, 10c oz. cheaper			45 deg. 50 gal bbls. .100 lb		4.55
Technical, 650 lb drums. .D	.28		than above. Less than 10 oz. 15c oz.			Corn Sugar see Glucose		
Chlorophyll, Oil Sol. .D	2.50	2.75	higher than above.			Cotton Soluble, 100 lb bbls. wet. .D	.40	.42
Water Sol. .D	3.75	4.00	COGLIVER OIL, Norwegian, 30 gal bbls		33.50	Cottonseed, Meal, 7% .ton	33.00	35.00
Chromium Acetate, 30° soln. 400 lb bbls. .D		.05 1/2			34.50	Coumarin, 25 lb tins 100 lbs. .D	3.25	3.45
Fluoride, Powd., 400 lb bbls. .D	.24	.36				Second Hands .D	3.25	3.30
Chrome, Greens, CP. .D	.26 1/2	.38				CREAM TARTAR, USP, 300 lb bbls.		
Comm. .D	.06 1/2	.11				Imp. powd, USP, 224 bbls. .D	.23	.22 1/2
Chrome, yellow .D	.18	.30				Cresote, USP, 42 lb cys. .D	.40	.42
Chrysarobin, Powd, 400 lb bbls. .D	5.25	5.35				Carbonate, 100 lbs., 50 lbs. .D	1.80	1.90
Cineboudin alk., powd 100 oz. tins. os		.60				Cresote Oil, 50 gal. drs. .D	.34	.30
Crystal .os	.65	.68				Cresol, USP, 400 lb drums. .D	.30	.22
						Cudbear, English .D	.19	.20

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Chemicals

Cutch, Bangoo, 100 lb bales... D	...	22	Duboisine Sulfate, 1 oz. vial... oz	...	30.07	FERRIC CHLORIDE, tech. crys.		
Borneo, solid, 100 lb bales... D	.05%	.06	EARTH, Diatomaceous, see Kiesiguh			475 lb bbls. D	.07%	.10
Liquid, 450 lb bbls. D	.09	.11	Egg Yolk, 150 lb cs. D	.48	.50	Imported	.04%	.05
Tablets, 120 lb boxes D	.13	.14	Emetine alk., 15 gr. vial... ea		1.30	C.P. crys. 100 lb kegs. D		.10
Cyanamide, bulk, c/l wks. Amm. unit	1.87 1/2	2.05	Hydralide, USP, 1 oz vial... oz	17.00	17.57	Imported	.06	.08 1/2
Bgs, c/l 100 lb	...	4.77	15 gr. vials ea	...	.82	Neut. Sol'n 42° 140 lb clys. D	.06 1/2	.07
Yellow, bgs c/l 100 lb	...	4.72	EPSON SALT, tech. 300 lb bbls.			46°, 140 clys. D	.08	.08 1/2
Cyclohexanof, see Hexalene			NY			USP Sol'n 125 lb clys. D	.06 1/2	.07
Cymene, See Para-Cymene			Bbls. c/l NY 100 lb	...	2.15			
Dextrin, white corn 140 lb bgs.			100 lb bgs. c/l NY 100 lb	1.50	1.75	Ferrous Chloride, crys. tech.		
c/l 100 lb	...	4.82	Imp., 220 lb bgs. c/l			475 lb bbls. D	.06	.08 1/2
Canary, 100 lb	...	4.87	NY			Ferrous Sulfide, 1000 lb bbls. 100 lb	2.50	3.00
bags, c/l 100 lb	...	4.92	USP, 300 lb bbls. 10 bbls. 100 lb	...	2.50	Fish Scrap, dried wks. units	4.00	.10
Potato, 220 lb bags, c/l D	...	.08 1/2	Carlots, bbls. 100 lb	2.00	2.25	Acid. Bulk 7 & 3 1/2. Deliv		
Yellow, 220 lb bags D	...	.08 1/2	Imported, 400 lb bbls. 100 lb	1.85	1.90	Norfolk & Balt basia. units	4.25	.50
Tapioca, 200 lb bags, c/l D	...	.09 1/2	100 lb kegs 100 lb	2.00	2.25	Fiske-White, see lead white		
DIAMINOPHENOL, 100 lb kegs. D	...	3.80	Ergotin, Monjean, 1 lb jars D	6.00	6.38	Flavine	.90	.95
Diamidide, 100 lb kegs. D	3.50	3.60	Eserine alk., 1 oz. vial oz	24.00	24.50	Fluorpar, 95% 220 lb bags, ex-		
Diethyl Phthalate, wks. D	.45	.50	Sulfate, USP, VIII, 1 oz vial. oz	18.00	18.50	dock	...	25.00
Dichlorobenzene, 1000 lb drs. D	.06	.07	ETHER, i SP, 55 lb drums. D	.15	.16	96% bgs. ton	...	33.50
Diethylamine, 400 lb drs. D	...	2.50	Anaesthesia, 55 lb drums. D	...	.19	98% bgs. ton	...	35.00
Diethylamine, 850 lb drs. D	.60	.62	USP, 1880 55 lb drums. D	...	.45	FORMALDEHYDE, USP 400 lb bbls.		
Diethyl Phthalate, 35 lb cans. D	.40	.45	Washed, 55 lb drums. D	...	.37	c/l wks. D	.08%	.09
1000 drs. D	.35	.40	Motor 1 lb cans D	.25	.31	Carboys, 100 lb c/l wks. D	...	.10 1/2
Diethyl Sulfate tech. 50 gal. drs. D	.20	.25	Ether, Nitrous, 1 lb bot. D	.90	.95	Bbls, 400 lb c/l wks. D	.09	.09 1/2
CP drums	.40	.50	Ethyl Acetate, 99% 50 gal. drs. gal	1.15	1.18	Fossil Flour	.02 1/2	.04
Digitalin, Pure, 1 oz. vial oz	9.75	10.25	85% Ester, 100 gal. drs. gal	...	.90	Formaniline	.38	.40
Dimethylamine, 840 lb drs wks. D	.32	.34	Carlots, drums gal	...	.87	Fuller's Earth, 300 lb bgs. c/l		
Dimethylamine, 400 lb drs. D	...	2.80	Tanks Cars	...	.85	mines	15.00	17.00
Dimethylsulfate, 100 lb drs. D	.14 1/2	.15	Refined, drums gal	1.75	1.85	Imported, 250 lb bags, NY. ton	38.00	40.00
Dinitrobenzene, 400 lb bbls. D	.15	.16	Bromide, 115 lb drs. D	...	.40	Purifical, 300 lb bbls. D	.22	.26
Dinitrochlorobenzene, 400 lb bbls. D	.18	.19	Chloride, 200 lb drs., 15 lb c/l. D	.28	.35	Fusel Oil, 10% Impurities, drs. gal	2.60	2.80
Dinitrochlorine, 300 lb bbls. D	.18	.19	Methyl Ketone, 50 gal. drs. D	.27 1/2	.28	Fustic, solid 50 lb boxes D	.20	.23
Dinitronaphthalene, 350 lb bbls. D	.32	.34	Morphine, see Morphine, Ethyl			Crystals, 100 lb boxes D	.30	.32
Dinitrophenol, 350 lb bbls. D	.32	.35	Ethyl Benzyl Aniline, 300 lb drs. D	1.05	1.10	Liquid, 51°, 600 lb bbls. D	.10	.12
Dinitrophenol, 300 lb bbls. D	.18	.19	Ethylene Bromide, 600 lb drs. D	...	.70	Fustic, sticks ton	30.00	32.00
Monin, see Morphine, Ethyl			Chlorhydrin, anhyd. 50 gal. drs. D	.75	.85	Chips	.04	.05
Dimethylolguanidine, 275 lb.			40% Solution, 50 gal. bbls. D	.25	.30	G. SALT, paste 350 lb bbls. basis		
bbls, wks. D	...	1.15	Dichloride, 50 gal. drs. D	.30	.35	10% D	.50	.52
Diphenylguanidine, 5,000 lbs.			Glycol	.50	.60	Gall extract	.30	.31
100 lbs D	.95	.98	Ethylhexanamine	.40	.42 1/2			
Dist Dist Extract D	.04	.04 1/2	Fucalypsol, 25 lb cans D	...	.90			
Dist Dist, pods bags ton	55.00	55.00	Feldspar, bulk ton	20.00	25.00			
Dover's Powder, USP 5 lb tin. D	2.20	2.80						



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Chemicals

Gambier, 25% Hg, 450 lb. bbls..D	.14	: .15	HEMATINE, Paste, 500 lb. bbls..D	.60	: .12	Iodine Tinct. USP, 50 gal. bblgal	4.50	: 4.55
Gambier, 25% Hg, 450 lb. bbls..D	.19	: .20	Crystals, 400 lb. bbls..D	.12	: .20	Carboys	gal	4.55
Singapore cubes, 150 lb. bags..D	...	: .23	Hemlock, 25% 600 lb. bbls. wia..D	.63	: .03	Second Hands	gal	4.30
Gelatin, USP silver 1 lb. 100 lb. cas..D	.60	: .65	Hemlock, bark	ton	...	Iodoform, powd., 10 lb. bot..D	...	: 6.00
Gold Label, 100 cass..D	...	: 1.00	Hemlock, 50 gal. drs., wia..gal	...	: 4.75	Crystals, 10 lb. bot..D	...	: 6.05
Technical, 100 lb. cas..D	.45	: .50	Hexamethylenetetramine, USP	...	...	Iridium, metal 10 oz. lots..cas	...	: 260.00
GLAUBER'S SALT, tech. 200 lb. bags	...	...	100 lb. drums..D	.60	: .62	Iron, metal by hydrogen 1 lb. bot..D	.80	: 1.00
e/l wia.,	1.10	: 1.20	Imported	D	...	IRON & AMM. CITRATE, USP 50 lb	...	...
le/l wia.,	1.35	: 1.45	Rubber Makere, Impalp. PA	...	...	cas .....	...	: .84
350 lb. bbls., e/l wia.,	1.25	: 1.35	dm. ....	.82	: .85	Green scales, 500 lbs. ....D	...	: .85
Bbls. le/l wia.,	1.50	: 1.60	Homatropine Hydrobrom. USP 1 oz.	...	...	Cocodylate, 100 lb. bot..D	7.50	: 7.60
Imported, bags, NY .....	.85	: .90	vials	D	...	Chloride, USP VIII 25 lb. cans..D	.94	: 1.01
USP, 300 lb. bbls. imp. sp. 100 lb	...	: 1.25	Five oz., 1 oz. vials.....os	...	: 1.65	Chloride, see Ferric or Ferrous	...	...
USP, 300 lb. bbls. dom. sp. 100 lb	...	: 1.75	Hydrastine Alk., USP, 1 oz. vial os	...	: 17.07	Hypophosphite, 5 lb. cans....D	1.55	: 1.60
USP, 300 lb. bbls. e/l wia. 100 lb	...	: 1.40	Hydchlde, USP, 1 oz. vial.....os	...	: 18.07	Syrup USP 5 lb., bot.....D	.35	: .36
Calcined, see Sodium Sulfate	...	...	Sulfate, 1 oz. vial.....os	...	: 20.07	Iodine, 1 lb. bot	D	...
Glucose, (Grape Sugar) dry, 100	...	...	Hydrastine Hydchlde, USP 15 gr.	...	: 14.57	Syrup, USP, 5 lb. bot.....D	.35	: .36
70° bags, e/l NY. 100 lb	4.19	: 4.44	vials	os	...	Nitrate, kops	D	...
Syrup, Drs. & bbls c/INT. 100 lb	4.16	: 4.35	Hydrobenzoin 100 lb. bags	D	...	Com'l, bbls.	100 lb	2.75
le/l NY	4.26	: 4.45	HYDROGEN PEROXIDE, 25 vol. 400 lb	...	...	Oxalate scales, 25 lb. cans..D	.97	: 1.00
GLUE, pure white, bbls.....D	.22	: .26	bbls.	D	...	Oxide, red, Spanish	D	...
Medium white, bbls.....D	.20	: .24	100 vol. 140 lb. chys	D	...	English	D	...
French, bbls	D	...	USP Soln. 375 lb. bbls.....D	.34	: .37	Perechloride, see Ferric Chloride	...	...
High Grade, bbls.	D	...	USP bot. 4 oz. cans.....grms	.04	: .05	& Ammon. Oxalate, 25 lb. bbs..D	.47	: .40
Bone, regular, bbls.	D	...	100 vol 145 chys	D	...	& Potassium Oxalate, 25 lb. bbs..D	.41	: .44
Fish, bbls.	gal	1.50	Bot. 8 oz. cans.....grms	11.10	: 12.00	& Sodium Oxalate, 24 lb. bbs..D	.32	: .35
Hide bbls.	D	.14	Bot. 16 oz. cans.....grms	18.25	: 19.00	Phosphate, USP, 50 lb.	D	...
GLYCERIN, C. P., 550 lb. drums..D	...	: .19	Hydroquinone, 100 lb. kags	D	1.40	Pyrophosphate, USP, 50 lb.	D	...
Cans, 50 lb	D	.30	Hyocine Hydrobrom, USP 1 oz.	...	...	JALAP RESIN, lump, 5 lb. tins ..D	3.75	: 4.00
Dynamite, 100 lb. drs.	D	.18	vial	os	...	Powd, tins	D	4.00
Saponification, tanks	D	...	Five oz., 1 oz. vial.....os	13.07	: 13.57	Kapoc, 200 lb. double bales	D	28
Soap, Lye, tanks	D	...	Hyocyanine Alk Cryst, 1 oz. vial.os	...	25.07	KIESELGUHR, 95 lb. bags NY.....ton	60.00	: 70.00
Goa Powder, see chrysanthin	...	...	Alkaloid, Amorphous, 1 oz. vial.os	...	25.07	LANOLIN, see Adeps Lanæ	...	...
Graphite, crude, 220 lb. bags.....ton	15.00	: 25.00	Hydrobromide, USP, 1 oz. vial.os	...	25.07	Larch, 25%, 600 lb. bbls., wia..D	.03	: .04
Flake, 500 lb. bbls.....D	.05	: .09	Sulfate, 1 oz. vial.....os	...	25.07	Powd., 100 lb. bags, wia.....D	.07	: .08
Ground, lump, bbls.....D	.04	: .05	Hyperic, 51°, 600 lb. bbls.....D	.15	: .17	LEAD, metal c/l NY.....D	...	: .03
Guaicol liquid, USP, 25 lb. cans..D	2.30	: 2.35	Hyperic, chips	D	.06	Acetate, white crystals, 500 lb	...	...
Benzoin, 1 lb. bot	D	...	INDOL. C. P., 1 oz. bot	os	6.00	bbls, wia.	D	.14
Carbonate, 5 lb. boxes	D	2.75	Iodides, see Potass. Iodide, etc.	...	...	100 to 250 lb. kags, wia..D	...	: .15
Second Hands	D	2.15	Indigo, MacGras, bbls.....D	1.25	: 1.30	White, broken, bbls., wia. 100 lb	14.25	: 14.75
HAARLEM OIL, Dom. 6 gr. os. gr	...	: 3.25	Indigo, 20% paste, drums.....D	.15	: .18	White, gran. bbls., wia. 100 lb	16.00	: 16.50
Imported, 5 gr. cans	grms	2.75	IODINE, crude, 200 lb. kags.....D	...	: 4.30	White, powd, bbls wia. 100 lb	...	: 16.00
Halosene, 5 lb. bot	D	2.75	Resublimed, 10 lb. jars	D	4.65	Brown, broken, bbls., wia..D	.14	: .15

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Chemicals

LEAD ACETATE (Cont.)

USP, 100 lb kegs.....lb	.19	.19%
Arsenate, 100 lb kegs.....lb	.13	.14
Bbls. c/l wks.....lb	.12%	.13
Bbls., 1c/l wks.....lb	.13	.13%
Paste, 100 & 600 lb bbls.....lb	.08	.09
Iodide, USP, VIII 5 lb bot.....lb	3.30	3.40
Nitrate, 500 lb bbls. wks.....lb	..	.12
Oxide, litharge, 500 lb bbls.....lb	..	.11%
100 lb kegs, wks.....lb	..	.15%
Oxide, red, 500 lb bbls, wks.....lb	..	.11%
100 lb kegs, wks.....lb	..	.16%
Peroxide, 100 lb drs.....lb	.25	.30
White, basic carb. 500 lb bbls.....lb	..	.10%
100 lb kegs, wks.....lb	..	.14%
White, sulfate 500 lb bbls. wks.....lb	..	.10%
Bbls., c/l wks.....lb	..	.10%
Litharge Ext. Mass, cases.....lb	.25	.28
Compound powder, bbls.....lb	.11	.13
Powdered.....lb	.28	.40
Sticks, 1 ca. 100 lb cases.....lb	.45	.50
LIME (Lime, see Calcium Salts)		
Ground Stone, bags.....ton	4.50	
Live, Bulk.....ton	8.50	
Live, 325 lb bbls. ton lots.....lb	..	
Wks. 100.....lb	1.05	
Single bbl., wks.....100 lb	1.08	
Hydrated, 167 lb bbl. ton lots, wks.....100 lb	..	.85
Single bbl. wks.....lb	..	.01
Oyster Shell, 150 lb bbl sing.....lb	..	.03%
Sulfur, dry 200 lb drs NY.....lb	..	.08%
Dra. c/l NY.....lb	..	.08
33% Soln. 50 gal bbls N Y gal.....lb	.15	.16
Litharge, 5 lb bot.....lb	6.25	6.75
Litharge see lead oxide		
Lithium Carb. USP, 100 lb kegs.....lb	1.50	1.60
Bromide, 100 lb ca.....lb	1.80	1.90
Citrate, USP, 100 lb kegs.....lb	1.70	1.75
Iodide, 5 lb bot.....lb	6.48	
Lithopone, 400 lb bbls, 1c/l wks.....lb	..	.08%
Bbls., c/l wks.....lb	..	.06%
Baga, c/l wks.....lb	..	.06%

LITHOPONE (Continued)

Imported, 400 lb bus.....lb	.06	.06%
Litmus Cubes.....lb	.90	1.00
Logwood, 51", 600 lb bbls.....lb	.08%	.08%
Lower grades.....lb	.07	.08
Solid, 50 lb boxes.....lb	.12	.15
LOGWOOD, sticks.....ton	23.00	27.00
Chips, 150 lb bags.....lb	.03	.03%
Luminal, see Phenylacetylmaleonitrile		
Madder, Dutch.....lb	.28	.30
MAGNESITE, crude.....ton	..	15.00
Calcined, 500 lb bbls.....ton	..	48.00
Magnesium mt., sticks 100 lb ca. lb	1.25	1.30
Carb. tech. 70 lb bags NY.....lb	.06%	.07
75 lb bbls. NY.....lb	.09	.11
USP, 100 lb bbls.....lb	.09%	.10
USP, blocks 100 lb ca. 1, 2, 4 ca.....lb	.17	.19
Chloride, fused 575 lb dra. c/l wks.....ton	..	34.00
Flaked, 350 lb dra. wks c/l ton	..	36.00
Imp., fused 900 lb bbls NY ton	28.00	30.00
Fluoridate, crystals 400 lb bbls. wks.....lb	.13	.15
30% soln. 500 lb bbls. wks.....lb	.07	.07%
Soln. bbls, c/l wks.....lb	..	.06
Glycerophosphate, 5 lb tins.....lb	..	3.25
Hypophosphite, 5 lb cans.....lb	..	1.05
Oxide, USP light, 100 lb bbls.....lb	..	.42
USP, heavy, 250 lb bbls.....lb	..	.50
Peroxide, 5 lb cans.....lb	..	2.40
Perborate, 1 lb tins.....lb	..	2.62
Salicylate, 100 lb kegs.....lb	.75	.80
Sulfate see Epsom Salts		
Manganese Borate, 30%, 200 lb bbls.....lb	..	.24
100 lb kegs.....lb	..	.25
Chloride, 600 lb cans.....lb	.08	.06%
Dioxide, 80-84% 900 lb bbls. NY.....ton	80.00	85.00
85-90% 900 lb bbls. NY ton	85.00	90.00

MANGANESE DIOXIDE (Cont.)

Hydrated, precip. 100 lb kgs. lb	.15	.23
Glycerophosphate, 5 lb tins.....lb	2.90	3.00
Hypophos USP VIII 5 lb vans.....lb	..	1.40
Iodide, 1 lb bot.....lb	..	6.65
Ore, bulk, NY.....lb	.43	.44
Sulfate, 600 lb cans. NY.....lb	.07	.07%
Mangrove, 55% 400 lb bbls.....lb	.04%	.05
Mangrove bark, African.....ton	..	nom.
Shipment.....ton	..	44.00
Marble Flour, bulk.....ton	10.00	12.00
See also Calcium Carbonate		
MENTHOL, USP, 60 lb cases.....lb	..	11.00
Less case, 5 lb tins.....lb	..	12.25
Synthetic.....lb	..	8.00
MERCURY, metal, 75 lb flasks, flask	82.50	83.50
Less Flasks, 5 lb jmps.....lb	..	1.20
Bichloride, cryst. 25 lb bxs.....lb	..	1.20
Gran. powd., 200 lb kegs lb	..	1.11
Bisulfate, 25 lb boxes.....lb	..	1.10
Blue Mass, 25 lb boxes.....lb	..	.71
Powdered, 25 lb boxes.....lb	..	.73
Blue Ointment, USP, 25 lb cans	..	
50%.....lb	..	.94
USP, dilute 25 lb cans 30%.....lb	..	.71
33% Mercury.....lb	..	.80
Calomel, 50 lb cans.....lb	..	1.37
Citrine Ointment, 25 lb jars.....lb	.54	.56
Iodide, green 25 lb jars.....lb	..	4.10
Red, USP, 25 lb jars.....lb	..	4.20
Yellow, USP, VIII 25 lb jars.....lb	..	4.10
Oxide, Yellow, USP, 25 lb bxs.....lb	1.90	2.04
Tech.....lb	..	1.43
Red Precip. USP, 25 lb bxs.....lb	..	1.48
Powder, USP, 25 lb bxs.....lb	..	1.58
White Precip. USP, 25 lb bxs.....lb	..	1.59
Powdered, USP, 25 lb bxs.....lb	..	1.64
With chalk, USP, 25 lb bxs.....lb	..	.71
Meta-Nitroniline.....lb	.73	.77
Meta-Nitro-para-Toluidine, 300 lb bbls.....lb	1.90	2.00

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Chemicals

Meta-Phenylenediamine, 300 lb			MORPHINE (Cont.)			Nitrobenzene, crude, 1000 lb dra.		
bbis.	..... lb	.90 : .95	Acetate, 5 ca. time 10 ca. lots.	... :	7.35	Redistilled, 1000 lb dra. wks. lb	.09% :	.09%
Meta-Toluylenediamine, 300 lb			Hydrobromide, 5 ca. time 10 ca.	... :	7.35	Nitrogenous Material	3.35 :	3.50
bbis.	..... lb	.75 : .80	Hydride, 5 ca. time 10 ca.	... :	7.35	Nitronaphthalene, 550 lb bbls. lb	.20 :	.21
METHANOL (Wood Alcohol)			Hydride, 5 ca. time 10 ca.	... :	7.35	Nitrotoluene, mixed 1000 lb dra.		
95% tanks	..... gal	.55	Ethyl Hydride, 1/4 ca. time 10 ca.	... :	9.35	Wks.	.14 :	.15
Drums, c/l	..... gal	.58	Small Glass: 1/4 ca. vials, 50 ca. extra;			Norgalls, see Crude Drugs		
Drums, 1c/l	..... gal	.60	1/4 ca. 25 ca. extra; single ca. vial, 1 ca. extra,			Oak bark, whole	20.00 :	23.00
97% tanks	..... gal	.57	over price for 5 ca. time 25 ca.			Ground	35.00 :	40.00
Drums, c/l	..... gal	.60	lots in 5 ca. time, 10 ca. lower than			Oak, tanks, wks.	.03% :	.03%
Drums, 1c/l	..... gal	.62	above schedule. Less than 10 ca. lots			23-25% liq. 800 lb bbls wks lb	.04% :	.04%
Pure, Acetate free, tin	..... gal	.65	15 ca. higher than above schedule.			Ochre	.03% :	.03%
Drums, c/l	..... gal	.67	Musk Ambrette, 1 lb cases	10.50 :	11.75	Oil Fuel, see Fuel Oil		
Drums, 1c/l	..... gal	.70	Myrobalans, 25% liquid bbls. lb	.04% :	.04%	OIL MINERAL, wh. 50 gal. bbls. gal		
bbis. incl. 50 higher			50% solid, 50 lb boxes	.08% :	.08%	Oil Mirbane, see nitrobenzene		
Methyl Acetone, 100 gal. drums. gal			Imported	.06% :	.06%	Opium, see crude drugs		
Tanks, cars	..... gal	.70 : .75	Myrobalans, bags J1	71.00 :	72.00	Jango Mineral, 1100 lb casks NY lb	.14	
Chloride, 90 lb cpl.	..... gal	.50 : .55	R2	50.00 :	52.00	700 lb bbls, NY	.14%	
Galleylate, USP, 50 lb cases	..... lb	.47	J2	50.00 :	53.00	Ortho-Aminophenol, 50 lb kgs. lb	2.15 :	2.25
500 lb drums	..... lb	.45	NAPHTHA, See Solvent Naphtha			Ortho-Anisidine, 100 lb dra. lb	2.75 :	3.00
Second Hands, cases	..... lb	.44 : .45	NAPHTHALENE, Flasks, 175 lb bbls.			Ortho-Dichlorobenzene, see Dichlorobenzene		
Methylene Blue, tech. 100 lb kgs. lb	1.25 :	1.50	Wks.	.05% :	.05%	Ortho-Nitrochlorobenzene, 1200 lb		
USP, medicinal 5 lb cases	1.00 :	2.00	bbis., c/l wks.	.05 :	.05%	dra. wks.	.37	
Michler's Ketone, 225 lb bbls. lb	3.00 :	2.35	bbis., second hands NY.	.05 :	.05%	Ortho-Nitrophenol, 350 lb	.90 :	.95
Milk Sugar, 150 lb bbls.	.14 :	.15	Balls, 250 lb bbls. wks.	.06% :	.07	Ortho-Nitrotoluene, 1000 lb dra.		
Mineral Oil, see oil mineral			bbis., c/l wks.	.06 :	.06%	Wks.	.20 :	nom.
Mineral Butter			bbis., second hands NY.	.06% :	.06%	Ortho-Toluidine, 350 lb bbls.	.25 :	.27
Monocrotine, 50 gal. drums	.46 :	.50	Cracked, shipped, bgs. wks.	.05		Orange Orange, 51° liquid	.07 :	.07%
Monochlorobenzene, see chlorobenzene			Crude, imp., bags	.03 :	.02%	Powd., 100 lb bags	1.34% :	.14
Monothylamine, 900 lb dra.	.70 :	.80	NICKEL			Crystals	.16 :	.17
Monomethyl paranthracene sulfate			Ingot, 100 lb kgs.	.31 :	.32	Orgall, USP, 5 lb bot.	1.75 :	2.50
100 lb dra.	2.96 :	4.20	Salt, single 400 lb bbls, NY.	.09 :	.10	Purified, 5 lb bot.	2.00 :	2.50
MORPHINE Sulfate, USP 5 ca. time			Double, 400 lb bbls, NY.	.10 :	.11	Crude, 5 lb bot.	1.00 :	1.25
10 ca.	..... ca	7.35	Oxide, 100 lb kgs, NY.	.38 :	.40	PALLADIUM, metal 10 ca. lots. ca		
			Sulfate, 450 lb bbls.	.09 :	.10	Pancratin, USP, 5 lb bot.	8.50 :	2.75
			Nickel Metal, electrolytic	31.00 :	32.00	Papain, 10 lb bot. USP, Powd.	2.75 :	3.00
			Nicotine, Free 40%, 8 lb time.	1.40 :	1.88	Crude, 150 lb cases	2.30 :	2.40
			Sulfate, 10 lb time, 40%	1.10 :	1.35	Paraffin, ref'd 200 lb ca. slabs		
			NITRATE SODA, spot, See Sodium Nitrate			123-127 Deg. M. P.	.06% :	.06%
			Nitre Cake, bulk wks.	4.50 :	5.50			
			500 lb bbls.	13.00 :	14.00			

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Chemicals

PARAFFIN (Cont.)

128-132 Deg. M. P.	lb.	.07%	.07%
133-137 Deg. M. P.	lb.	.08	.08%
138-140 Deg. M. P.	lb.	.08%	.09

Para-Aminocetanilid, 100 lb

kegs	lb.	1.00	1.05
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Para-Aminophenol, 100 lb kegs

lb.	1.10	1.14
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Hydrochloride, 100 lb keg

lb.	1.25	1.30
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Para-Dichlorobenzene, 150 lb bbls

wks	lb.	.17	.20
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25-50 lb kegs

lb.	.18	.22
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Paraldehyde, USP, 100 gal. drs. gal

lb.	.48	
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Tech.

lb.	.80	
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Para-Cymene, Refd., 110 gal. drs. gal

lb.	2.25	2.50
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Paraformaldehyde, USP, 100 lb cs. D

lb.	.42%	.45
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Para-Nitrocetanilid, 300 lb

lb.	.50	.55
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PARA-NITROANILINE, 300 lb bbls

wks. ton	.58	.60
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Para-Nitrochlorobenzene, 1200 lb drs

wks.	.20	.23
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Para-Nitro-ortho-Toluidine, 300 lb

bbls.	2.75	2.85
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Para-Nitrophenol, 185 lb bbls

lb.	.50	.55
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Para-Nitrodimethylaniline, 120 lb

bbls.	.92	.94
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Para-Nitrotoluene, 350 lb bbls

lb.	.38	.40
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Para-ox Benzaldehyde, 100 lb

kegs	.170	
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Para-Phenetidin, 500 lb drs

lb.	1.55	1.80
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Para-Phenylenediamine, 350 lb

bbls.	1.25	1.30
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Para-Toluene-Sulfonamide, 175 lb

bbls.	.40	.41
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Para-Toluene-Sulfonchloride, 410 lb

bbls. wks.	.18	.30
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Para-Toluidine, 350 lb bbls. wks.

lb.	.68	.72
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PARIS GREEN

Arenide Basis, 500 lb kegs	lb.	.19	.20
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Keps, 100 lb a.	lb.	.21	.22
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Klu, 50, 25, 14 lb a.	lb.	.22	.23
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PARIS GREEN (Cont.)

Packages, 5 and 2 lb.	lb.	.23	.24
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Packages, 1 lb., 1/2 lb., 3/4 lb.	lb.	.25	.26
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Paris White, see whitening French

Pepsin, USP, 5 lb bot.	lb.	2.25	2.50
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1:3,000 bottles	lb.	4.00	4.25
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1:10,000 bottles	lb.	6.65	7.25
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Peptone, powd., 5 lb	lb.	1.70	1.80
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Persian Berries	lb.	.37	.30
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PETROLATUM, green 300 lb bbls

lb.	.02%	.03
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Dark Amber, 300 lb bbls	lb.	.04%	.05
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Light Amber, 300 lb bbls	lb.	.07	.07%
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Cream White, USP, 300 lb bbls	lb.	.13%	.14
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Snow White, USP, 300 lb bbls	lb.	.10	.10%
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Lily White, USP, 300 lb bbls	lb.	.10	.10%
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Phenol, see also acid carbolice

Makers, 950 lb drums, spot	lb.	.23	.24
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Small drums, 240-100 lb	lb.	.24	.26
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Open market, drums	lb.	.24	.26
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240 lb des. drs. wks.	lb.	.25	
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Natural, 240 lb des. drs. wks.

5 lb cans, 100 lb lots	lb.	1.30	1.40
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Phenyl-Alpha-Naphthylamine, 100 lb	lb.	1.40	1.50
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kegs	lb.	1.23	1.30
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Phenylethylalcohol, 1 lb bot. Drum	lb.	8.00	10.00
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Imported	lb.	7.00	7.75
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Phenylethylmalonylurea, on pts.	lb.	.50	5.50
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Phosgene, 100 lb cylinders	lb.	.60	.65
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Phosphate Acid, 16% Bulk wks. unit	lb.	.60	.65
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Phosphate Rock, f.o.b. mines	lb.	2.40	2.50
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Florida Pebble, 68%	ton	2.75	2.85
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Florida Pebble, 70%	ton	2.75	2.85
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Florida Pebble, 75-74%	ton	4.00	
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Tennessee, 72%	ton	5.50	
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Phosphorus Oxide, 175 lb cyl.	lb.	.86	.40
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Phosphorus, red 110 lb cs.	lb.	.70	.75
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Yellow, 110 lb cs., wks.	lb.	.32	
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Imported, 112 lb cases	lb.	.32	
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Phosphorus Trichloride, 175 lb cyl.	lb.	.45	
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wks.	lb.	.45	
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Phthalic Anhydride, 100 lb bbls	lb.	.18	.20
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wks.	lb.	4.00	4.50
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PILOCARPINE HYDROCHLORIDE, USP 25

lots, 1 oz. vials	oz.	4.00	4.50
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Nitrate, 25 oz.	oz.	4.00	
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Single, oz.	oz.	4.50	
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Alkaloid, 15 gr. vls.	gr.	.85	
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Pine Oil, atm. dist. bbls.	gal.	.66	
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Destruitive dist.	lb.	.68	
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Piperidine Hydrate, 1 lb bot.	lb.	15.00	
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Piperidine, 25 oz.	oz.	1.10	1.25
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Pitch, Coal-Tar, wks.	ton	24.00	26.00
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Pitch, prime	ton	6.00	6.50
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Plaster Paris, tech 250 lb bbls	bbl	3.30	
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True Dental, 300 bbls	bbl	4.50	
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Platinum, metal soft 10 oz. lots	oz.	119.00	
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Podophyllin, 5 lb bot.	lb.	4.50	4.75
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Second Hands	lb.	4.30	4.40
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POTASH SALTS, rough

Pot. Murate, basis, 80% bgs., ton	ton	34.55	
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Pot. Sulfate, basis, 90% bgs., ton	ton	45.85	
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Pot. & Mag. Sulfate, basis 48%	ton	26.35	
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bgs.	ton	17.50	
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Manure Salts, basis, 30% bulk ton	ton	11.00	
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Manure Salts, basis, 30% bulk ton	ton	11.00	
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Kainit, basis, 12.4% bulk ton	ton	7.75	
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Bulk in bags, \$2.00 extra			
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Discount, 50 tons, 5%; 500 tons, 10%			
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POTASH, CAUSTIC, solid 88-92%

700 lb drs. wks.	lb.	.07%	.07%
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Imp., 88-92% 700 lb drs. NY. D	lb.	.07%	.07%
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USP, by alcohol 5 lb cans	lb.	.46	.48
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cases	lb.	.30	.35
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POTASSIUM Acetate, USP, 100 lb

kegs	lb.	.20	.30
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Second Hands, kegs	lb.	.30	.38
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Bicarbonate, crys. 320 lb bbls	lb.	.00	.10
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Monomate crys., 900 lb cals.	lb.	.08%	.08%
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Powd., 900 lb cases, wks.	lb.	.11	.12
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Binoxalate, 300 lb bbls	lb.	.16	.18
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Import, 112 lb bbls	lb.	.18	.19
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Chemicals

POTASSIUM (Cont.)			POTASSIUM (Cont.)			QUININE SULFATE, USP.		
Bisulfate, C.P., 5 lb. cans....	..	.30	Muriate, 80%, 200 lb. bags, NY	..	.63	Java, 100 oz. tins.....	..	.50
100 lb. bags.....	..	.22	K ₂ O unit.....	..		Japanese, 100 oz. tins.....	..	.50
Bromate, 100 lb. c.....	.85	.95	Nitrate, see Saltpetre			Acetate.....	..	.88
BROMIDE, USP, cryst., 450 lb.			Oxalate, neutral 100 lb. bags....	.16	.19	Arsenate.....	..	.88
bbls.....	.48	.49	Perchlorate, 112 lb. bags, Mc-Apr. D	.11	.12	Benzoate.....	..	.88
Granular, 300 lb. bbls....	.48	.49	PERMANGANATE, USP, crys. 500 lb.			Bisulfate, USP.....	..	.45
Cases, 100 lb.....	..	.50	& 100 lb. drs., whs....	.15	.16	Citrate.....	..	.62
Imported, USP, 320 lb. cs. D	.37 1/2	.40	Imp., 113 lb. drs.,....	.14 1/2	.15	Dihydrochloride, USP.....	..	.66
Shipment.....	..	.43 1/2	Prussiate, red, 500 lb. casks....	.37	.37 1/2	Dibromide.....	..	.66
CARBONATE, 80-85% calc.			Prussiate, yellow, 500 lb. casks. D	.18 1/2	.19	Dicarbonate, 10 oz. tins.....	..	2.50
800 lb. cks.....	.05 1/2	.06	Sallylate, 25 lb. cans.....	.60	.65	Ethyl Carbonate, 16 oz. tins....	..	.91
80-85%, hydrated, 800 lb.			Sulfate, 200 lb. bags, NY, K ₂ O unit	..	.85	Ferrocyanide.....	..	.88
cks.....	.05 1/2	.06	USP, VIII, 100 lb. bags.....	..	.15	Formate.....	..	.85
90-95% calc. casks.....	.06	.06 1/2	Sulfocyanide, CP 35 lb. jars....	..	.50	Glycerophosphate.....	..	.88
96-98% calc. casks.....	.06 1/2	.06 1/2	Tartrate, neutral, 160 lb. bags. D	..	.51	Hydriodide.....	..	.88
99% calc. casks.....	..	.07 1/2	Titanium Oxalate, 200 lb. bbls. D	.25	.27	Hydrobromide, USP.....	..	.62
USP, 100 lb. bags.....	.10 1/2	.11	Fumic Stone, lump, 250 lb. bbls. D	.04 1/2	.06	Hydrochloride, USP.....	..	.62
90% C.P., casks.....	..	.12 1/2	Lump, bags.....	.03 1/2	.05	Hydrochlorosulfate.....	..	.66
Chlorate, crys., 112 lb. bags, c/l			Powdered, 350 lb. bbls.....	.02 1/2	.03	Hydchloride & Urea, USP.....	..	.88
whs.....	.09 1/2	.09	Pyridine, 50 gal. drum.....	..	4.50	Hypophosphite.....	..	.88
Imp. 112 lb. bags, NY.....	.09	.09 1/2	Quebracho Bark.....	100	120.00	Lactate.....	..	.78
Powd., 112 lb. bags, whs....	.08 1/2	.09	QUEBRACHO, 35% liquid tins....	.03	.03 1/2	Phenolsulfonate.....	..	.88
Imp. bags, NY.....	.08 1/2	.09	450 lb. bbls.....	.03 1/2	.04	Phosphate.....	..	.74
Gran. Imp. 112 lb. bags NY, D	.10 1/2	.11	35% bleaching, 450 lb. bbls....	.04 1/2	.05 1/2	Salicylate, USP.....	..	.63
Pyrotechnic, lvs. powd. NY, D	..	.07	Solid 65%, 100 lb. bales.....	.04 1/2	.05	Tannate, USP.....	..	.45
USP, fine crys. 110 lb. bags			Clarified, bales.....	..	.05	Tartrate.....	..	.88
NY.....	.14	.15	Quercitron, 51°, 450 lb. bbls....	.06 1/2	.08	Valerate.....	..	.89
Chloride, crys., bbls.....	.04 1/2	.04 1/2	Solid, 100 lb. boxes.....	.10 1/2	.13			
Citrate, USP, 50 lb.....	..	.60	Quercitron bark, rough.....	ton	14.00			
Cyanide, 110 lb. cases.....	.58	.60	Ground.....	ton	34.00			
Glycerophosphate, 75% Soln. 25 lb			QUICKSILVER, see Mercury					
tins.....	1.85	1.90	Quinidine Alk., 100 oz. tins....	.70	.75			
Gaialcol Sulfonate, 5 lb. cans			Sulfate, 100 oz. tins.....	..	.50			
10 lb.....	2.00	2.25	Quinolone, see Chinidione					
Hypophosphite, 10 lb. cans....	.80	.85	QUININE SULFATE, USP.					
Iodide, USP, 100 lb. cases....	3.45	3.50	American, 100 oz. tins.....	..	.50			
Lactophosphate, 4 oz. bbs....	..	.90	1 oz. tins, 100 oz. lots.....	..	.57			
Metabisulfite, 800 lb. bbls....	.20	.11	Dutch 100 oz. tins.....	..	.50			
Imp., 550 lb. bbls.....	.09	.10						

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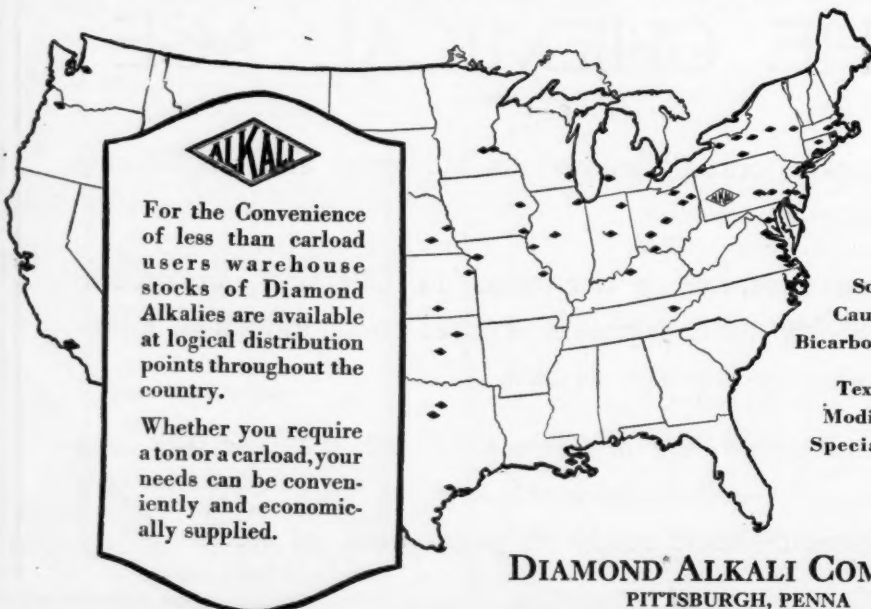
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Chemicals

N SALT, 250 lb bbls, wks.....D			.45	: .47	SALTPETRE (Cont.)			SODA ASH (Cont.)		
Red Lead, see lead oxide					Low c/l wks, bbls.....D08%	c/l wks,100 lb	...	1.45
Red Precipitate, see mercury					Large Crystals, 350-400 lb bbls,	...	.07%	Pmpt. and spot, Basis 58% bags	...	1.50
Resnet, N.F., 5 lbs. (125,000) D	2.95	: 3.50			c/l wks.....D	...	.07%	c/l wks.....100 lb	...	1.50
Resorcin, see resorcinol					Small Crystals, 350-400 lb bbls,	...	.07	SODA CAUSTIC, 76% solid		
Resorcinol, tech., 100 lb bags.....D	1.35	: 1.50			c/l wks.....D	...	.07	1-4 drums deliv'd NY.....100 lb	...	3.91
USP, 25 lb cans.....D	2.25	: 2.35			Powdered, bbls. c/l wks.....D	...	.07%	5 & Up drums deliv'd NY.....100 lb	...	3.76
Rockwell Salt, USP, 225 lb bbls.....D	.19	: .19 1/4			Imported, 500 lb bbls. NY.....D	.04%	.06%	Ground & Flake, 76%		
Imp. USP, 300 lb bbls.....D	.20	: .20 1/4			Santonin, USP, 1 lb bot.....D	155.00	: 160.00	1-4 drums, deliv'd NY.....100 lb	...	4.31
Rosewater, triple, 3 gal. dems. gal	.90	: 1.10			Powd. 1 lb bot.....D	158.00	: 162.00	5 & Up drs deliv'd NY.....100 lb	...	4.16
Rosin, (Sold in 600 lb bbls, gross for net.)					Saponin, ex Quillaja, 5 lb tins.....D	1.00	: 1.10	1-4 bbls deliv'd.....100 lb	...	4.56
B.....D	280 lb	...	8.75		Static White, 500 lb bbls.....D	...	.01%	5 & Up bbls deliv'd.....100 lb	...	4.41
D.....D	280 lb	...	9.00		Schaeffer's Salt, 250 lb bbls.wks.D	.60	: .65	Contract basis 76% c/l wks	...	3.10
E.....D	280 lb	...	9.25		Secolamine, see lysocine			100 lb	...	3.10
F.....D	280 lb	...	10.15		Sellita Mixture, 225 lb bbls.....D	.16 1/4	: .16 1/4	c/l wks.....100 lb	...	3.20
G.....D	280 lb	...	10.15		SILICA			Contract 74% low grade c/l	...	3.03
H.....D	280 lb	...	10.15		Crude, bulk, mines.....ton	5.00	: 7.00	wks, flat.....100 lb	...	3.03
I.....D	280 lb	...	10.15		Refined, floated, bags.....ton	18.00	: 30.00	Ground & Flake, 76% pmpt. and		
K.....D	280 lb	...	10.50		Air floated, bags.....ton	32.00	: 50.00	spot, wks, c/l drs.....100 lb	...	3.60
M.....D	280 lb	...	11.00		Extra, floated, bags.....ton	55.00	: 65.00	Contract 76% drums c/l wks	...	3.50
N.....D	280 lb	...	11.75		Colloidal, 16 oz bot.....oz	...	2.80	flat.....100 lb	...	3.50
WQ.....D	280 lb	...	13.00		SILVER, metal, American.....oz	...	.67 1/4	USP, stick, 10 lb cans.....D	.19	: .21
WW.....D	280 lb	...	14.50		Silver Iodide, 16 oz. bot.....oz	...	.60	Pure, stick, by alcohol.....D	.25	: .27
(Sold in 600 lb bbls, gross for net,					Nitrate, 16 oz. bot.....oz	.45 1/4	: .47 1/4	Soda Sal, see Sodium Carbonate		
quotations based on a unit of 280 lb.)					Nucleinate, 16 oz. bot.....oz	.34	: .38	Sodium Metal, 12 1/2 lb bricks.....D	...	.27
Rosin (All first run, 500 gal bbls).....D	.58	: .60			Proteinates, 16 oz bot.....oz	.34	: .38	SODIUM ACETATE, crys. 450 lb bbls.		
Second run, bbls.....D	.61	: .63			Soap, Castile, 40 lb bxs.....D	.20	: .25	wks.....D	.05%	: .06
Notion Stone, lump imp., bbls.....D	.07	: .08			Powd. USP, 250 lb bbls.....D	.25	: .30	Aluminate, 500 lb bbls, wks.....D	.07%	: .08
Lump selected, bbls.....D	.09	: .12			Green, USP, 150 lb bags.....D	.07 1/4	: .08 1/4	Aluminum Sulfate, see aluz. soda		
Powdered, bbls.....D	.02	: .05			Soapstone, see Talc. crude			Arsenite, 4 lb mat. wks. drums.gal	.50	: .60
Domestic, bags, mines.....ton	24.00	: 30.00			SODA ASH, 58% light			Drums, 8 lb material, wks.gal	1.00	: 1.20
SACCHARIN, USP, 10 lb cans, 35 lb					1-4 bags, deliv'd NY.....100 lb	...	2.19	Benzoate, USP, 100 lb bbls.....D	.50	: .62
Seubie, USP, 10 lb cans, 35 lb.....D	1.75	: 1.85			5 & Up bags deliv'd NY.....100 lb	...	2.44	Resolite.....D	.60	: .60
Sago Flour, 150 lb bags.....D	...	: .05			1-4 bbls, deliv'd NY.....100 lb	...	2.04	Bicarbonate, 400 lb bbls, NY.....100 lb	...	2.25
Sal Ammoniac, see Ammon. Chloride					5 & Up bbls deliv'd NY.....100 lb	...	2.29	Bble. c/l wks.....100 lb	...	2.00
Sal Soda, see Sodium Carbonate					Contract, Basis 58% bags c/l	...	1.33	112 lb kegs, wks.....D	...	2.25
Saltin, USP, 1 lb cartons, 25 lb.....D	4.75	: 5.00			wks.....100 lb	...	1.33	112 lb kegs, NY.....100 lb	...	2.50
Salol, USP, 100 lb drums.....D	.85	: .95			Prompt and spot, Basis 58% bags	...	1.43	Richmonte, 600 lb cans wks.....D	.06%	: .07
Salt, Common, see sodium chloride					c/l wks.....100 lb	...	1.43	Casks, c/l NY.....D	.06%	: .07
Salt Cake, c/l f, o, b, wks.....ton	17.00	: 20.00			Contract, Basis 58% dense bags			Casks, NY.....D	.06%	: .08 1/4
SALTPETRE, Double Refined								Blauite, dry powder, 500 lb		
Granular, 400-500 lb bbls								bbls. wks.....D	.04	: .04 1/4
c/l wks.....D	...	: .06								

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Chemicals

SODIUM—(Continued)

BROMIDE, USP, 450 lb bbls..	.48	: .49
Cases, 50 lb48	: .49
Imp. CRP, 220 lb cases.....	.42	: .43
Shipment .....	.42	: .43
Bromate, 100 lb ca.	1.15	
Carodylate, USP, 25 lb		
5 lb bot	6.00	: 6.25
Carbonate Hal Soda 350 lb..bbls.		
1c/l NY	1.30	: 1.35
Works c/l	1.10	: 1.30
Monohydrate, 400 lb bbl		
1c/l NY	2.40	
Pure photographic 100 lb		
bag .....	.08	: .08
Chlorate, 115 lb kegs, wks....	.06 1/4	: .06 1/4
Imported, 115 lb kegs .....	.06 1/4	: .06 1/4
Chloride, tech.	12.00	: 13.00
C. F., 300 lb bbls. ....	.05	: .06
Chromate 800 lb bbl. ....	.08	: .08
Citrate, USP, IX, 50 lb kegs..	.59	
USP, VIII, 50 lb kegs.....	.53	
Cyanide 96-98% 100 lb cases		
wks. ....	.22	
Ton lots, wks. ....	.21	
75-78% 100 lb cases, wks..	.19 1/2	
125-128% 200 lb ca. ....	.20	: .20 1/2
120 125% 200 lb ca. ....	.17	: .18
118-120% 200 lb ca. ....	.16	: .17
Fluoride, 300 lb bbls., wks..	.09	: .09 1/2
Imp. 350 lb bbls .....	.09	: .09 1/2
Glycophosphate USP cryst, 25 lb		
cases	1.40	: 1.55
Powder, 25 lb tins	1.45	: 1.60
Solution, USP, 25 lb tins..	1.05	: 1.30
Hydronide, see Soda Camite		
Hypochlorite Soln, 100 lb cysb	.05	
14 1/2 % soln, 50 lb cysb .....	.04	
Hydroxide, 200 lb bbls. f. c. b. wks.	.22	: .24
For Stripping, 50 lb cases..	.30	: .35
Hypophosphite, USP, 25 lb cases		
b .....	.70	: .75

SODIUM—(Continued)

HYPOSULFITE, tech. pos crys.	2.55	: 3.05
375 lb bbls., wks.	2.50	
Bbls., c/l wks.	2.75	: 3.30
100 lb kegs, wks.	2.25	
Imp.	2.40	: 2.65
Regular crys., bbls. wks.	2.40	: 2.50
Bbls., c/l wks.	2.00	: 2.10
Kegs, wks.	2.75	
Imp.	4.25	: 4.30
Iodide, USP, 25 lb jars.....	.70	: .75
Metanilate, 150 lb bbls. ....	.57	: .60
Naphthionate, 300 lb bbls.	2.55	
Nitrate crude, 95% 300 lb kegs	2.52 1/2	
c/l NY .....	.04 1/4	
June shipment NY .....	.05 1/4	
Double reduced 400 lb bbls	.09	: .09 1/2
gran. c/l wks. ....	.25	: .27
Powdered, bbls. c/l wks. ....	.20	: .23
Nitrate, 500 lb bbls., spot makers	.21	: .22
Imp. 650 lb cases .....	.21	: .22
Ortho-Chloro-Toluene Sulfonate,	.23	: .24
175 lb bbls., wks.	3.40	: 3.75
Oxalate, neutral, 100 lb kegs..	.07	: .07 1/2
Perborate, 275 lb bbls. ....	.05 1/4	: .06
Imp. 225 lb drs. ....	.07 1/4	: .08
Peroxide, 300 lb cases .....	.30	: .31
Phosphate, di-sodium, tech. 550 lb	.08 1/2	: .04 1/2
Bbls. ....	.60	
USP, gran, 275 bbls. ....	.08	: .09
Imp. gran. ....	.10 1/4	: .10 1/4
USP, Crystal, 275 bbls. ....	.10 1/4	: .10 1/4
Mono-sodium, 100 lb kegs..	.24	: .26
Tri-sodium, tech., c/l bbls. ....	.40	
Picramate, 100 lb kegs .....	.37	: .40
Para-Toluene Sulfonate 175 lb		
bbls. ....	.08	: .09
PRUSSIAN, yellow, 350 lb bbls.	.10 1/4	: .10 1/4
wks. ....	.10 1/4	: .10 1/4
Imp. 50 lb cks .....	.24	: .26
Pyrophosphate, 100 lb kegs .....	.40	
Salicylate, 100 lb kegs .....	.37	: .40
Second Hands, USP, kegs..		

SODIUM—(Continued)

Silicate, 40° turbid, tanks		
wks.	100 lb	: .75
55 gal. drums, wks.	100 lb	: .85
40° clear, tanks, wks.	100 lb	: .85
55 gal. drs., wks.	100 lb	: .85
42° turbid, tanks, wks.	100 lb	: .85
55 gal. drs., wks.	100 lb	: .85
42° clear, tanks, wks.	100 lb	: .85
55 gal. drs., wks.	100 lb	: .85
Silicofluoride, 450 lb bbls. NY.		.04 1/4
Stannate, 100 lb drums .....		.29
Sulphate, see Glauber's Salt		
Sulfate, Anhydrous, 550 lb bbls.		
c/l wks. ....		.03 1/4
Imp. 250 lb bbls. ....		.02 1/4
Sulfide, 66% solid, 650 lb drs.		
1c/l wks. ....		.04 1/4
Dr. c/l wks. ....		.04
Imp. 700 lb drs. NY.....		
60% broken, 650 lb drs. wks.		.04 1/4
Dr. c/l wks. ....		.04 1/4
50% crys. 440 lb bbls., wks.		.02 1/4
Imp. 400 lb bbls. ....		.02 1/4
Sulfate, crys. 400 lb bbls. wks.		.03 1/4
Anhydrous, 400 lb bbls. ....		.10
Sulfocarbonate, USP, 100 lb kegs		.33
Sulfocyanide, 400 lb bbls. ....		.43 1/4
Tungstate, crys. 100 lb kegs..		.70
SOLVENT NAPHTHA, 110 gal		
dr. wks. ....		.30
8,000 gal, tank cars, wks. gal		.35
Spartan Sulfate, USP, 25oz. bulk, oz		.50
Single oz. vial .....		.67
Spirits Turpentine, bbls.		1.01
Stm. dist. ....		.91
Spruce, 25% liquid tanks, wks..		.61
Powd. 50% 100 lb bags, wks. lb		.62
Starch, rice, 140 lb bags09

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In This Issue

*How the Flexible
By C. R.*

CHEMICALS

Chemicals

STARCH, powd 140 lb bgs./1.100 lb	4.17	4.27
Bags, 12/1	4.27	4.37
Feed, 140 lb bgs c/1	4.07	4.17
Bags, 12/1	4.17	4.27
Potato domestic, 200 lb bgs c/1 lb	.08 3/4	.04
Imported, bags duty paid	.06 3/4	.06 3/4
Wheat, dom.	.06 3/4	.07
Imp.	.07 3/4	.07 3/4
Sol. Potato	.07	.07 3/4
Steamed Bone Meal, 3 & 50 Ballton	27.00	27.30
STRONTIUM Bromide, USP, 50 lb		
kegs	.51	.52
Carb. 600 lb bbls. vis.	.07	.07
100 lb kegs, vis.	.08	.08
Iodide, USP, 15 lb jars	4.00	4.00
Nitrate, 600 lb bbls., vis.	.06 3/4	.09
Imp., bbls., NY.	.07 3/4	.08
Sulleyate, USP, 100 lb kegs	.73	.80
STRYCHNINE Alkaloid, USP, crys.		
100 os, tins	.75	.75
Japanese, cans	.75	.75
Alk. powd, USP	.66	.66
Acetate	.70	.70
Glycerophosphate, USP	.70	.70
Hydrochloride	.70	.70
Hydrophosphate	.70	.70
Nitrate, USP	.70	.70
Phosphate	.70	.70
Sulfate, USP, crys. powd.	.54	.54
Saccharinate	1.30	1.30
Strychnine preparations quoted bases		
1000s lots in 1000s tins. Small sizes;		
1/4 os vials, 50c extra; 1/2 os vials, 35c		
extra; single ounces vials, 7c extra. Lots		
of 25 os. 6c higher than above		
schedule. Lots of less than 25 os.		
10c higher per os.		
Sugar Coloring (See Caramel)		
Sugar Milk, USP, 300 lb bbls.	.20	.21
Second Hands, USP, bbls.	.18 3/4	.19
Sulfonal, see Sulfonmethane		
Sulfonethyrimethane, USP, 10 lb bbs.	2.35	4.05
Sulfonmethane, USP, 10 lb bbs.	2.65	2.85

SULFUR		
Crude, f.o.b. mines	14.00	15.00
Bristle, 250 lb bags, c/1 100 lb	1.75	1.95
Less c/1 bags NY	1.85	2.10
Roll, 500 lb bbls. c/1 NY 100 lb	2.15	2.15
Less c/1 bags NY	2.30	2.45
Flour, Heavy, 290 lb bbls, 100 lb	2.50	2.50
Light, 100%, 260 lb bbls, 100 lb	2.60	3.15
Rubbermakers 100%, 240 lb		
bbls., NY	2.50	3.15
Commercial, 99%, 150 lb bgs.		
NY	1.85	1.85
For Dyeing, 99%, 100 lb		
bgs., NY	1.95	2.50
Flowers, 100%, 240 lb bbls.		
NY	3.25	3.90
Precipitated, 125 lb bbls. NY	.15	.17
Lac, 125 lb bbls. NY	.10	.10
Sulfur Chloride, red, 700 lb drs.		
vis.	.05 3/4	.08
150 lb chys., vis.	.07	.07
Yellow, 700 lb drs. vis.	.04 3/4	.05
150 lb chys., vis.	.08	.08
Sulfur Dioxide, 100 lb cyl.	.08	.08 3/4
Iodide, USP, VIII, 5 lb bot.	.45	.45
Sulfuric Ether, see Ether		
Sulfuryl Chloride, 600 lb drs.	.85	.70
Sunac, liqsd, 450 lb bbls.	.98	.98
Stainless, 600 lb bbls.	.10 3/4	.11 3/4
Sunac, Stilly, 100 lb bags	112.00	150.00
Virginia, 150 lb bags	56.00	60.00
Destructive, distilled, bbls.	.68	.70
TALC, Italian 220 lb bags NY	40.00	50.00
Refined, white, bags	50.00	55.00
French, 220 lb bgs, NY	30.00	35.00
Refined, white, bags	38.00	45.00
Dom., crude, 100 lb bags NY	12.00	15.00
Refined, 100 lb bags NY	16.00	18.00
Tankage, ground, NY	3.40	4.10
High grade f.o.b. Chicago	3.00	3.25
No. Am. c.l.f.	3.80	4.10
Tapioca Flour, high grade bags	.04 3/4	.06
Medium grade, bags	.04 3/4	.05 3/4
Low grade, bags	.03	.03 3/4
High grade	32.00	40.00
Tar, Coal Gas, The vis.	.06	.08
Coal Oil, The vis.	.07	.08
Water Gas, The vis.	.06	.08
Tar, kiln-burnt	14.00	14.00
Botort	14.00	14.00
Tartar Emetic, tech. 700 lb bbls.	.27	.28
USP, 300 lb bbls.	.31	.34
Terpin Hydrate, USP, 100 lb kegs	.45	.47
Terpineol, CP, 1000 lb drums	.38	.40
Cans, 50 lb	.42	.45
Imported, cans 25 lb	.43	.46
Terpinyl Acetate, 25 lb cans	1.65	1.85
Terra Alba, No. 1, 300 lb bis, 100 lb	1.85	1.90
No. 2, bbls.	1.25	1.35
Tetralene, 50 gal drs., vis.	1.45	1.45
Theobromine Alk., 5 lb cans	3.60	3.75
Sol. Salicylate, 1 lb bot.	.22	.22
Thiocarbamid, 170 lb bbls.	.24	.26
Thymol, USP, 25 lb tins.	3.60	3.90
TIN metal Straits NY	.55 1/4	.55 1/4
Iodine, 5 lb boxes	7.25	7.50
American Standard, NY 100 lb	55.40	55.40
99% American, NY 100 lb	54.50	54.50
Bichloride, 50% soln. 100 lb	.15 1/4	.15 1/4
Bbls., vis.	.38 1/4	.38 1/4
Crysaline, 500 lb bbls, vis.	.39	.39
100 lb kegs, vis.	.57	.57
Oxide, 300 lb bbls., vis.	.59	.59
100 lb kegs, vis.	.31 1/4	.31 1/4
Tetrachloride, 100 lb drs, vis.	.13	.14
Titanium Oxide, bbls, vis.	.90	.94
Toluidine, 350 lb bbls.	.80	.83
Sulfate, 350 lb bbls.	.26	.26
Toluene, 8000 gal tank cars vis gal	.37	.37
110 gal drs vis	.31	.32
Toluidine, Mixed, 900 lb drs, vis.	.90	1.00
Toners, para red.	1.80	1.90
Toluidine	.37 1/4	.37 1/4
Triacetin, 50 gal drs. vis.	1.00	1.00
Trichlorophenol, 100 lb cases	.69	.73
Trional, see Sulfonethyrimethane	.68	.68
Triphenylguanidine	.69	.73
Triphenyl Phosphate, 450 lb bbls.	.68	.68

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Chemicals

Tripoli, 500 lb bbls.....	100 lb	2.50	3.00
Tungsten, NY.....	Wt. unit	11.25	11.50
Turkey Red Oil, bbls.....	lb	.11	.12
Turpentine, see Spirita Turpentine			
Wood, see Wood Turpentine			
Ultramarine Blue.....	lb	.15	.25
UREA, pure, 112 lb cases.....	lb	.18	.20
Valencia Cups, 30-31% tan.....	ton	37.00	38.00
Beard, 42% tan, bgs.....	ton	55.00	56.00
Mixture, 36% tan.....	ton	43.00	46.00
VANILLIN, USP, 500 oz cans.....	oz		.49 1/2
Cans, 80 ozs.....	oz		.50
Cans, 16 ozs.....	oz		.51
Second Hands.....	oz	.47	.50
Venetian Red.....	lb		.05
Vergria, see Copper Subacetate			
Vermilion, Amer. 100 lb kegs.....	lb	.35	.40
English, kegs.....	lb	1.40	1.45
Verdine Sulfate, 1 oz vial.....	oz		1.85
Hydrochloride, 1 oz vial.....	oz		1.85
Venol, see Acid Diethylbarbituric			
Vulcone, 250 lb bbls, wks.....	lb		.84
Wattle Bark, bgs.....	ton	44.00	47.00
WHITE LEAD, see lead, white			
White Precipitate, see mercury			
Whiting, 200 lb bags, c/l wks.....	100 lb		.90
Gilders, bags, NY.....	100 lb	1.00	1.15
French, bags, NY.....	ton		18.00
English, bags, NY.....	ton	21.00	23.00
Paris White.....	100 lb	1.80	1.50
Wich Hazel Extract, 50 gal. bbls.....	gal	1.05	1.10
Wood Turpentine, stim. dist. bbls.....	gal	.87 1/2	.90
WYLENE, 9° dist. range, nitration			
110 gal. dr. NY.....	gal		.55
5° dist. range, 8000 gal. tanks			
wks.....	gal		.40
110 gal. dr. wks.....	gal		.45
10° dist. range, drums, wks.....	gal		.40
Tanks, wks.....	gal		.35
Commercial, 110 gal. dr., wks.....	gal		.31
Tanks, wks.....	gal		.26
Zyldine, crude.....	lb		.37
Refined.....	lb		.42

YARA YARA, 1 lb tins.....	lb	1.65	1.80
Yehimbin Hydrosilide, 1 oz. vial.....	oz	3.15	4.00
Zinc.....	oz		8.00
Yolk Oil, bbls.....	lb		.35
ZINC, METAL, high grade, slabs			
c/l NY.....	100 lb		7.75
Common Slabs, c/NY.....	100 lb	7.40	7.45
Mossy, 25 lb bxs. NY.....	lb		.14
Ammonium Chloride, powd., 400 lb			
bbls.....	lb	.07 1/2	.08
Carb. tech., bbls, NY.....	lb		.10
USP, 100 lb kegs.....	lb		.20
Chloride, fused, 600 lb drs. wks.....	lb	.07 1/2	.08
Drs. c/l wks.....	lb		.06
Granulated, 500 lb bbls wks.....	lb		.08
Imported, dr., NY.....	lb		3.00
Solution, 80%, tanks wks.....	100 lb		.27
USP, 25 lb jars.....	lb		.41
Cyanide, 100 lb drs.....	lb		.10 1/2
Dust, 100 lb tins, wks.....	lb		.09 1/2
500 lb bbls kegs c/l wks.....	lb		.10 1/2
500 lb bbls, kegs, 1c/l wks.....	lb		5.28
Iodide, 5 lb bota.....	lb		.45
Nitrate, 25 lb jars.....	lb	.08 1/2	.08 1/2
Oxide, Amer. 300 lb bbls, wks.....	lb	.08 1/2	.12 1/2
French, 300 lb bbls wks.....	lb	.09 1/2	.11 1/2
Bbl c/l wks.....	lb	.09 1/2	.10 1/2
USP 100 lb bbls, c/l.....	lb		.30
Ton lots, wks.....	lb		.19 1/2
Imported, white seal, bbls.....	lb		.13
Green seal, bbls.....	lb		.10
USP 100 lb bbls.....	lb	.15 1/2	.16
Stearate, USP, 50 lb bbls.....	lb	.20	.21
Resales.....	lb	.17 1/2	.18
Sulfate, 400 lb bbls, wks.....	lb	.03 1/2	.03 1/2
Bbls, c/l wks.....	lb	.03	.03
USP, 100 lb kegs.....	lb	.08	.09
Sulfide, 500 lb bbls.....	lb	.30	.33
Sulfocarbonate, 100 lb kegs.....	lb	.30	.32
Zirconium, oxide, pure.....	lb	1.25	1.75
Semi-ref'd, bgs.....	lb	.45	.50
Natural, bgs.....	lb	.08	.10
	lb	.02 1/2	.03

Oils - Fats

Castor, No. 1, 400 lb bbls.....	lb	.17	.17 1/2
80 lb cases.....	lb		.18
No. 3, bbls.....	lb	.16 1/2	.17
Blown, 400 lb bbls.....	lb		.18 1/2
China Wood, spot, NY.....	lb	.12 1/2	.13
Tanks, Spot, NY.....	lb	.12 1/2	.12 1/2
Coast, tanks.....	lb		.11
Coconut, Ceylon, 375 bbls., NY.....	lb		.09 1/2
8000 gal. tanks, NY.....	lb	.09 1/2	.09 1/2
Cochin, 375 lb bbls, NY.....	lb	.11 1/2	.11 1/2
Tanks, NY.....	lb		.10
Manila, bbls, NY.....	lb	.10 1/2	.10 1/2
Tanks, Pacific Coast.....	lb	.08 1/2	.08 1/2
Edible, bbls, NY.....	lb	.12 1/2	.13
Cod Newfoundland, 50 gal bbls.....	gal	.62	.65
Tanks, NY.....	gal	.55	.57
Cod Liver, see Cod Liver Oil under Chemicals			
Copra, bags.....	lb	.05 1/2	.06
Corn, ref., 375 lb bbls, NY.....	lb		.13
Crude, tanks mills.....	lb	.09 1/2	.10
Bbls, NY.....	lb	.11	.12
Cottonseed, crude, tks, mill.....	lb		.09 1/2
P S Y, 100 bbls, NY.....	lb	.10 1/2	.11
White, 100 bbls, lots, NY.....	lb		.13 1/2
Winter yellow, 100 bbls, NY.....	lb		.14
Degras, Amer. 50 gal. bbls, NY.....	lb	.04 1/2	.04 1/2
English, light, bbls, NY.....	lb	.05 1/2	.05 1/2
Brown, bbls, NY.....	lb	.04 1/2	.04 1/2
Light brown, bbls, NY.....	lb	.04 1/2	.04 1/2
Dark, bbls, NY.....	lb	.03 1/2	.04
Neutral, bbls, NY.....	gal	.07 1/2	.12
Moslin, bbls, NY.....	gal		.50
Jesses, choice white, bbls, NY.....	lb	.12	.12 1/2
Yellow.....	lb		.08 1/2
Brown.....	lb		.08 1/2
House.....	lb		.08 1/2
Bone naphtha.....	lb		.07

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GERMANY

Oils - Fats

Herring, Tanks, Coast.....gal	.40	: nom.
Bow, 375 lb bbls., NY.....lb	.10	: nom.
Lard, prime steam, bbls.....lb	..	: .17%
Comstock, bbls.....lb	..	: .13%
LARD OIL, Edible, prime.....lb	..	: .18%
Off prime, bbls.....lb	..	: .14%
Extra bbls.....lb	..	: .13%
Extra, No. 1 bbls.....lb	..	: .12%
No. 1 bbls.....lb	..	: .12%
No. 2 bbls.....lb	..	: .12%
LINSEED, raw c/l bbls, spot.....gal	..	: 1.07
Five bbls, raw.....gal	..	: 1.10
Tank, raw.....gal	..	: 1.01
Boiled, 5 bbl, lots.....gal	..	: 1.13
Double Boiled, 5 bbl.....gal	..	: 1.14
June-Aug. c/l wks.....gal	..	: 1.07
Imported, bbls, NY.....gal	..	: 1.04
Tanks, NY.....gal	..	: ..
Merchandise, crude, bbls, wks.....gal	..	: nom.
Crude, tanks, Balt.....gal	..	: nom.
Light pressed, bbls, NY.....gal	..	: .78
Yellow, bleached, bbls, NY.....gal	..	: .81
Extra bleached, bbls, NY.....gal	..	: .83
Blown, bbls, NY.....lb	..	: .11
Nutsfoot, 20° c.t. bbls, NY.....lb	..	: .17%
Pure, bbls, NY.....lb	..	: .14%
Extra, bbls, NY.....lb	..	: .12%
No. 1 bbls, NY.....lb	..	: .12%
Geo Oil, No. 1 bbls, NY.....lb	..	: .13%
No. 2 bbls, NY.....lb	..	: .12%
No. 3 bbls, NY.....lb	..	: .11
SLIVE, denatured, bbls, NY.....gal	1.15	: 1.20
Edible, bbls, NY.....gal	2.00	: 2.30
Foots, bbls, NY.....lb	..	: .08%
Shipments.....lb	..	: .08%
Palm Lard, 1500 lb casks.....lb	..	: .09%
Niger, casks.....lb	..	: .09%
Bony old Calabar, casks.....lb	..	: nom.
Palm Kernel, bbls, NY.....lb	..	: .10%

Peanut, refined, bbls, NY.....lb	.15	: .16
Crude, mills buyers' tks.....lb	..	: ..
Crude, bbls, NY.....lb	..	: .10%
Perilla, bbls, NY.....lb	..	: .14%
Poppyseed, bbls, NY.....gal	2.25	: 2.50
Rapeseed, refined, bbls, NY.....gal	.99	: 1.00
Blown, bbls, NY.....gal	..	: 1.14
Red Oil, distilled, bbls.....lb	.11%	: .12%
Saponified, bbls.....lb	.11%	: .12%
Tanks.....lb	..	: .10%
Salmon, 8000 gal. tks. Coast.....gal	.50	: nom.
Sesame, edible, yellow, bbls.....lb	.13%	: .14
White.....lb	.14%	: .15
Sod Oil, bbls, NY.....gal	..	: .40
SOYA BEAN, crude, tks, Coast.....lb	..	: .10%
Crude, tks, NY.....lb	..	: .11%
Crude, bbls, NY.....lb	..	: .12%
Refined, bbls, NY.....lb	..	: .14%
Sperm, 38° c.t. bichd. bbls, NY.....gal	.89	: .91
45° cold test, bichd. bbls, NY.....gal	.87	: .89
STEARIC ACID, s.p. 200 lb bags.....lb	..	: .14%
Double pressed, bags.....lb	.14%	: .15%
Double pressed, bags, saponified.....lb	.14%	: .15%
Triple pressed, bags, distilled.....lb	.16%	: .17%
Triple pressed, bags, saponified.....lb	.16%	: .17%
Stearine, oleo, bbls.....lb	..	: .11%
Fallow, edible, tierces.....lb	.09%	: .08%
City, extra loose.....lb	..	: .08%
Tallow Oil, acidless tks, NY.....lb	..	: .11
Bbls. c/l NY.....lb	..	: .12%
Walnut, crude bbls, NY.....lb	..	: ..
Whale, nat winter bbls, NY.....gal	..	: .79
Meth. winter bbls, NY.....gal	..	: .81
Extra Meth. bbls, NY.....gal	..	: .93
Crude, No. 1, tanks Coast.....gal	..	: ..
Crude, No. 2, tanks Coast.....gal	..	: ..
Crude, No. 3, tanks Coast.....gal	..	: ..

Crude Drugs

Acroides Gum, red.....lb	.04	: .05%
ACONITE LEAVES, bales.....lb	.10	: .11
Root, USP, bags.....lb	.33	: .35
Agar Agar, 1, 200 lb bales.....lb	1.40	: 1.50
No. 2, bales.....lb	..	: 1.40
No. 3, bales.....lb	1.20	: 1.25
Agaric, white, cases.....lb	2.75	: 3.00
Granulated, boxes.....lb	3.25	: 3.40
Almonds, bitter, boxes.....lb	.60	: .65
Sweet, boxes.....lb	.57	: .60
Meal, barrels, boxes.....lb	.24	: .25
Aletris Root, bags.....lb	.40	: .41
Alkanet Root, bag.....lb	.08%	: .10
Aloes, Barbadoes, 120 lb bbls.....lb	.70	: .75
Cape, 400 lb cases.....lb	.08%	: .09
Curacao, 100 lb cases.....lb	.10	: .11
Socotrone, whole, 300 lb cs.....lb	..	: .35
Select, cakes, lb.....lb	.26	: .33
Althea Root, Cuts, cs.....lb	.55	: .65
Whole.....lb	.25	: .30
Ambergris, black boxes.....lb	8.00	: 10.00
Grey, boxes.....lb	..	: 26.00
Ammoniac, tears, bags.....lb	.80	: .85
Angelica Root, dom. bags.....lb	.13	: .14
Angustura Bark, bags.....lb	.18	: .20
Anise, Levant, bags.....lb	.14%	: .15
Russian bags.....lb	.13	: .14
Star, cases.....lb	.13	: .15%
Spanish, bags.....lb	.14%	: .15
Arnatto Root, 200 lb bags.....lb	.15	: .18
ARABIC GUM.....lb	..	: ..
White, No. 1, 200 lb bags.....lb	.24	: .25
Seconds, 250 lb bags.....lb	.22	: .23
Sorts, amber, 200 lbs. bbls.....lb	.13%	: .14
Powd., USP, 500 lb bbls.....lb	.71	: .83
Arca Nuts 150 lb bags.....lb	.15	: .19
Powd., 200 lb bbls.....lb	.20	: .21
Argols, Red, grd. see Chemicals.....lb	..	: ..
Arnica Flowers, bales.....lb	.11	: .14
Root, bags.....lb	.28	: .30

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Arrowroot, Amer. Powd, bbls....lb	.10	.10%	Suckthorn Bark, bags.....lb	.08	.08%	Cassia Batavia, No. 3 bales....lb	.10	.10%
Bermuda, bbls.....lb	..	..	Burdock Root, bags.....lb	.10	.13	China, select, rolls, cases....lb	.06%	.06%
St. Vincent, powd bbls.....lb	.13	.14	Burgundy Pitch, oom, 110 lb staves	..	..	Broken, bales.....lb	.06%	.06%
Anafetida, USP, 250 lb cases....lb	.26	.27	Gross for net.....lb	..	.05%	Buck, cases.....lb	.20	.21
.., 50 lb tzs.....lb	.40	.43	Imported.....lb	.10	.11	Cassia Fistula, baskets.....lb	.08	.09
BALM GILEAD BUDDS, bags....lb	.40	.43	Calabar Beans, bags.....lb	..	1.00	Castle Soap, USP, powd, 200 lb	..	..
Balmory Herbs, bales.....lb	..	.14	Cassia Root, bleached, cases....lb	.33	.34	..bbls.....lb	.30	.32
BALSAMS			Unbleached, bags.....lb	.06%	.07	Caster Beans, bags.....lb	.03	.03%
Copaiba, Para, 80 lb cs.....lb	.54	.55	Calendula Petals, imp., bales....lb	.23	.30	Casterum, 1 lb bot.....lb	..	4.00
South American, 80 lb cs.....lb	.58	.60	Callaya Bark, bales powd.....lb	.30	.31	Catechu Gum, bags.....lb	.11	.12
Pir Canada, cases.....gal	11.00	12.00	Cannphor, see Chemicals	..	..	Catnip Herb, bales.....lb	.23	.26
Oregon, bbls, cases.....gal	1.00	1.26	Canary Seed, Morocco bags.....lb	.07%	.08	Colery Seed, bales.....lb	.27%	.28
Piri, 120 lb cases.....lb	1.85	1.90	Spanish bags.....lb	.08%	.09	Cerecin Wax, white, bags.....lb	.10%	.20
Tolu, 120 lb cases.....lb	1.45	1.55	South American, bags.....lb	.07%	.07%	Yellow, 200 lb bags.....lb	.09	.10
Bamboo Brier Root, bags.....lb	.05%	.07	Candellilla Wax, bags.....lb	.30	.34	CHAMOMILE FLOWERS, Roman		
Barberry Bark, tree bales.....lb	.13	.15	Camella Alba Bark, bales.....lb	.50	.53	cases bales.....lb	.17	.18
Root, bags.....lb	.35	.37	Cannable, true imp. bags.....lb	..	..	Hung, cases bales.....lb	.09	.10
Barberry Bark, bales.....lb	.10	.12	American (no assay) bales....lb	.30	.40	Charcoal, Willow, powd bbls....lb	.05%	.06%
Wax, bbls.....lb	.21	.22	USP.....lb	.45	.60	Wood, powd. bbls.....lb	.04	.06
Beladonna Leaves, bales.....lb	.25	.27	Cantharides, Chitrene cases....lb	.95	1.00	Westnut Bark, bags.....lb	.07	.08
Root, bags.....lb	.16	.18	Powdered bags.....lb	1.15	1.30	Herb, bales.....lb	.06	.06%
Res Wax, white cases.....lb	.56%	.57%	Russian, cases.....lb	.80	.85	Chicle Gum, bgs.....lb	..	1.00
Yellow, refined, cases.....lb	.39	.41	Powdered, boxes.....lb	.95	1.05	Chiretta, bales.....lb	.07	.10
Resin Gum, Siam, boxes.....lb	1.30	1.86	Caraway Seed, African, bags....lb	.07%	.08	Cinchona Bark, red quills bales..lb	.75	.80
Sumatra, 80 lb boxes.....lb	.24	.25	Dutch, 11 lb bags.....lb	.08%	.08%	Broken, bales.....lb	.28	.35
Barberis Aquifolium Root, bags..lb	.13	.14	Cardamom, bleached, cases.....lb	2.70	3.10	Cinnamon, Ceylon, No. 1 bales..lb	.40	.41
Beth Root, bags.....lb	.24	.26	Decorated, cases.....lb	2.40	2.60	No, 2 bales.....lb	.37	.38
Bitter Root, 100 lb bags.....lb	.40	.43	Green, grinding, bags.....lb	1.60	1.70	No, 3, bales.....lb	.36	.37
Blackhaw Bark, root, bales....lb	.83	.84	Sassafras Wax, Flor. bags.....lb	.38	.40	Civet, Abyssin horns.....lb	2.35	2.50
Tree, bales.....lb	.15	.17	Powd.....lb	.37	.39	Clover Tops, bags.....lb	.20	.23
Blood Root, bags.....lb	.13	.15	No. 1, yellow, bags.....lb	.35	.38	Cloves, Zanzibar, 135 lb bales...lb	.23%	.24
Madagascar Root, bags.....lb	.27	.30	No. 2, N Country bags.....lb	.31	.34	Amboyas, bales.....lb	.42	.44
Boldo Leaves, bales.....lb	.15	.20	No. 3 N Country bags.....lb	.26%	.28	Penang, bales.....lb	.40	.42
Bonnet Herb, bales.....lb	.09	.11	No. 3 chalky, bags.....lb	.26	.29	Cochineal, Black.....lb	..	.48
Leaves, bales.....lb	.09	.11	Cascara Amara, 150 lb bales....lb	1.35	1.50	Joca Leaves, Huancu bags.....lb	..	..
Borage Flowers, bales.....lb	.18	.20	So-called bales.....lb	.55	.60	Truxillo, bags.....lb	..	..
Synala Root, bags.....lb	.09	.16	Cascara Sagrada, bales,			Cohosh Root, Black bags.....lb	.08	.15
Black Indian Root, 100 lb bags..lb	.40	.42	1920-22 bark.....lb	.26	.28	Blue, bags.....lb	.10	.11
GUANO LEAVES, short, 250 lb			1923 bark.....lb	.21	.24	Pulp, USP, bales.....lb	.23	.25
bales.....lb	.65	.70	1924 bark.....lb	.14	.15	Colchicum Root, bags.....lb	.08	.09
Less bales.....lb	.66	.70	1925 bark.....lb	..	.14%	Seed, bags.....lb	.16	.17
Long bales.....lb	..	..	Cascartilla Bark, quills, bales..lb	..	..	Colocynth, apples, cases, bales..lb	..	..
Blackbean Leaves, bales.....lb	.11	.12	Pfingst, bbls.....lb	.11	.11%	Pulp.....lb	.22	.25
			Cassia Batavia, No. 1 bales....lb	.10	.10%			
			Shortstick, bales.....lb			

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Colombo Root, whole bags.....lb	.08 1/4 : .04	Elecampane Root, bags.....lb	.09 : .10	Junlac Gum, 80 lb cases powd.....lb	.45 : .55
Coltsfoot Leaves, bags.....lb	.05 : .06	Kider Flowers, bags.....lb	.10 : .13	Guarana, tin, cases.....lb	.85 : .90
Comfrey Root, wgs.....lb	.13 : .14	Klenti Gum, 89 lb cases.....lb	.10 : .11	GUM, see Arable Gum, etc.	
Condurango Bark, bags.....lb	.12 1/4 : .13	Elm Bark, select 5 lb bundles cases.....lb	.26 : .27	HELLEBORE ROOT,	
Conium Herb, bags.....lb	.12 : .14	Grinding, bags.....lb	.16 : .17	Black, bbls.....lb	.08 : .10
Conium Seed, bags.....lb	.10 : .11	Powdered, bbls.....lb	.23 : .25	Powdered.....lb	.15 : .17
Copaiba Balsam Para, see Balsams		ERGOT, 150 200 lb bags.....lb	.50 : .54	White, Powd., 250 lb bbls.....lb	.12 : .13
Copal Gum.....lb	.12 : .13	Eucalyptus Leaves, bales.....lb	.05 1/4 : .08	Helonias Root, (undecorn false) bags.....lb	.07 : .08
Jorlander Seed, Bombay, bags.....lb	.08 : .08 1/2	Euphorbia Pithulifera Herb, bags.....lb	.09 : .09 1/4	Hemp Seed, Manchurian, bags.....lb	.03 1/4 : .03 1/2
Morocco, bags.....lb	.05 1/4 : .05 1/2	Euphorbia Gum, cases.....lb	.25 : .27	Chilean, bags.....lb	.04 : .04 1/2
Bleached, bags.....lb	.09 : .09 1/2	Powdered, boxes.....lb	.40 : .42	Henbane Leaves, bales, USP.....lb	.29 : .30
Corn Silk bales.....lb	.05 1/4 : .06 1/4	Fennel Seed, French, bags.....lb	.09 : .10	No assay.....lb	.24 : .26
Cotton Root Bark, bales.....lb	.18	German, bags.....lb	.14 : .16	Henna Leaves, bales.....lb	.09 1/4 : .11
Cowhage, on tins.....lb	.05	Indian, bags.....lb	.08 1/4 : .09	Powdered.....lb	.12 : .14
Cramp Bark, so-called bales.....lb	.06 1/4 : .07	Fenugreek Seed, 200 lb bags.....lb	.05 : .05 1/2	Honey, Calif., 120 lb cases.....lb	.11 : .12
True, bags.....lb	.30 : .32	Fish Berries, 100-125 lb bags.....lb	.08 1/4 : .09	Hops, NY prime bale.....lb	.26 : .30
Craneshill Root, bags.....lb	.09 : .10	Flax Seed, whole, 180 lb bbls.....lb	15.00 : 15.05	Pacific Coast prime bales.....lb	.25 : .27
CUBED BERRIES, XX bags.....lb	.65 : .66	Ground, 180 lb bbls.....lb	.08 : .08 1/4	Horobound Herb, bales.....lb	.09 : .10
Powdered, boxes.....lb	.68 : .70	Prunus Tree Bark, bags.....lb	.25 : .28	Horse Nettles, Berries, bags.....lb	.35 : .40
Culvers Root, bags.....lb	.19 : .20	Fumigating Pastilles Black, 1 lb boxes.....lb	.18	Horstall Rush, bags.....lb	.15
Cumin Seed, Levant bags.....lb	.14 1/4 : .15	Red, 1 lb boxes.....lb	.20	Hydrangea Root, bales.....lb	.09 : .10
Malta, bags.....lb	.13 1/4 : .14	GALANGAL ROOT, bags.....lb	.09 : .10	India Gum, see Karaya	
Morocco, bags.....lb	.14	Galbanum Gum, cases.....lb	.80 : .85	INSECT FLOWERS, open whole bales.....lb	.37 : .38
Cuttlefish Bone, Trimets, straps.....lb	.13 1/4 : .14	Gambler Gum, bags.....lb	.16 : .17	Closed, whole bales.....lb	.39 : .40
Jewelers large, straps.....lb	.50	Gamboge Gum, 160 lb cases.....lb	.85 : .87	Powdered, pure, 200 lb bbls.....lb	.40 : .45
Small, straps.....lb	.35	Powdered, cases.....lb	.95 : 1.00	Flowers and Stems, 50 p.c. 200 lb bbls.....lb	.25 : .26
French, straps.....lb	.13 1/4 : .14	Gelsemium Root, bags.....lb	.12 : .13	Ipecac Root, Cartagena, bags.....lb	1.95 : 2.05
Powdered, boxes.....lb	.08 : .09	Gentian Root, bags.....lb	.08 1/4 : .09	Powdered, 200 lb bbls, bxs.....lb	2.30 : 2.40
Broken, boxes.....lb		Ground, bbls, boxes.....lb	.12 : .13	Rio Whole, bags.....lb	1.90 : 1.95
Damar Gum, 136 lb cases.....lb	.27 : .28	Powdered, boxes.....lb	.12 1/4 : .16	Powdered, 200 lb bbls, bxs.....lb	2.25 : 2.30
Damiana Leaves, bales.....lb	1.25	Anger African, bags.....lb	.15 1/4 : .15 1/2	(singlase American, 130 lb cases.....lb	.75 : .80
Dandelion Root, imp. bags.....lb	.19 : .21	Jamaica, grinding, bags bbls.....lb	.17 : .19	Rumex (Beluga) bxs. cases.....lb	4.00 : 4.50
Deer Tongue Leaves, bales.....lb	.08 1/4 : .09	Japan, bags.....lb	.21 : nom.	ASORANDI LEAVES, bales.....lb	.10 : .10 1/4
Digitalis Leaves, bales.....lb	.10 : .11	Cochin, ABC & Lemon, bags.....lb	.21 1/4 : .22	Asap Root, whole, 150 lb bags.....lb	.29 : .35
Jill Seed, bags.....lb	.05 1/4 : .05 1/2	Ginseng Root, cultivated, bags.....lb	8.00 : 10.00	Powdered, USP, 250 lb bbls.....lb	.34 : .36
Cleaned, bags.....lb	.08 1/4 : .08 1/2	Northern Wild, bags.....lb	12.00 : 14.00	Japan Wax, White, bags.....lb	.15 1/4 : .16
Dogwood Bark, Jamaica, bags.....lb	.09 1/4 : .10	Southern Wild, bags.....lb	8.50 : 10.00	Job's Tears, White, bags.....lb	.05 : .08
American, bales.....lb	.07 : .08	Golden Seal Root, bags.....lb	5.10 : 5.15	Juniper Berries, 125 lb bags.....lb	1.06 : 1.08
Dogwood Root, USP, cut bags.....lb	.12 : .13	Powdered boxes.....lb	5.25 : 5.40	KAMALA, USP, boxes.....lb	.08 1/4 : .18
Dragon Blood, mass cases.....lb	.70 : .75	Grains of Paradise, bags.....lb	.13 : .14	Karaya Gum, powdered, bbls.....lb	
Reeds, boxes.....lb	.85 : .90	Grindelia Robusta Herb, bales.....lb	.09 1/4		
ECHINACEA ROOT, bags.....lb	.29 : .32				

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Kava Kava Root, bags.....D	.18	.19	Marjoram Leaves, French, bales..D	.36	.37	Opium, Powdered, USP, cans....D	13.00	14.00
Kino Gum, black cases.....D	.55	.60	Chilian, bales.....D	.26	.27	Orange Flowers, cases.....D	.30	1.25
Kola Nuts, 150 lb bags.....D	.04 1/4	.05	Mastic Gum, 120 lb cans.....D	.55	.57	Orange Peel, bitter, bags.....D	.07 1/2	.08
Kumso Flowers, bags.....D	1.50	1.75	Matico Leaves, bales.....D	.14	.15	Sweet, bags.....D	.11	.11 1/2
LADY SLIPPER, ROOT, bags.....D	.55	.60	Mezereon Bark, bags.....D	.11	.12	ORRIS ROOT, Florentine bold bags..D	.09	.10
Larkspur Seed, bags.....D	4.00	6.25	Millet Seed, dom, yellow bags..D	.03 1/4	.04	Powdered, 200 lb bbls.....D	.11 1/2	.13
Laurel Berries, bags.....D	.10	.11	Montan Wax, crude bags.....D	.06	.06 1/2	Verona, bags.....D	.08	.10
Leaves, Greek, bags.....D	.04 1/4	.05 1/4	Bleached.....D	.....	.....	Powdered, 200 lb bbls.....D	.11	.12
Italian bales.....D	.04 1/4	.05	Moss, Iceland, bales.....D	.08 1/4	.10	Fingers, cans.....D	.58	.60
American, bales.....D	.25	.35	Irish, bleached, bales.....D	.09	.11	Ozokerite Wax, brown hard bags..D	.34	.35
Leander Flowers, ordinary.....D	.22	.24	Solids, bales.....D	.12	.13	Green, hard bags.....D	.28	.29
Selected.....D	.30	.35	Mullein Flowers, tins.....D	.85	.90	Reddred, yellow, bags.....D	.....	.37
Leaves, tube.....Per 100	3.20	3.75	Musk, pods, Carbadine, tins.....oz	16.00	17.00	PAPRIKA, bags.....D	.18	.24 1/2
Lemon Peel, bags.....D	.08 1/4	.09	Tonquin.....oz	23.00	25.00	Hungarian.....D	.35	.25 1/2
Licorice Root, Russian, whole.....D	.03	.04	Grain Cab.....oz	25.00	26.00	Parsia Brava Root, bags.....D	.11	.12
Spanish, natural bales.....D	.07	.08	Tonquin.....oz	35.00	38.00	Parsley Seed, bags.....D	.15	.17
Powdered, bbls.....D	.12	.13	Synthetic, see Chemicals.....D	.....	.....	Patchouli, Leaves, bales.....D	.19	.20
Cuttings, 2 & 5 lb bundles.....D	.11	.16	Musk Root, Russia, bags.....D	1.90	2.50	Pellitory Root, bales.....D	.19	.20
Selected, 125 lb bags.....D	.06 1/4	.07	Mustard Seed Bari brown bags..D	.12	.12 1/2	Pennyroyal.....D	.07	.10
Turkish, 150 lb bales.....D	.03	.03 1/4	Bombay, brown.....D	.08 1/4	.09	Pepper, black, Sing. bags.....D	.14	.14 1/2
Life Everlasting Herbs, bales.....D	.05	.06	California, brown.....D	.11	.11 1/2	White, bags.....D	.21 1/2	.22
Lime Juice, clarified bbls.....gal	.60	.65	Yellow.....D	.....	.11 1/2	Alley bags.....D	.14 1/2	.15
Linden Flowers with leaves, bales..D	.11	.11 1/2	Chinese yellow.....D	.05 1/4	.06 1/4	Lampong, bags.....D	.13 1/2	.13 1/2
Without Leaves, bales.....D	.19	.20	English, yellow.....D	.09	.09 1/2	Tellecherry, bags.....D	.15	.15 1/2
Lobelia Herb, bales.....D	.45	.48	Dutch, yellow.....D	.08 1/4	.09 1/4	Muntok, bags.....D	.22 1/2	.23
Lobelia Seed, bags.....D	.62	.65	Danish, yellow.....D	.08 1/4	.09	Red Chillies, Japan No. 1, lbs..D	.21	.21 1/2
Lavage Root, Imported, bags.....D	.20	.25	Myrrh Gum, select, 200 lb cs.....D	.25	.28	Mombassa, bags.....D	.09	.09 1/2
Lapulin, N.F. tins.....D	1.55	1.60	Soria, cases.....D	.20	.24	Talay, bags.....D	.10	.11
Sands, No. 1 cases.....D	1.00	1.05	MUTGALLS, Chinese, bags.....D	.17	.18	Capicum, Bombay, bags.....D	.11	.11 1/2
Lycopodium, 88 lb cs.....D	.85	.90	Leppy, bags.....D	.20	.22	Peppermint Leaves, imp. bales...D	.18	.22
NAGE, Slaw, No. 1.....D	1.03	1.04	Nutmegs, 110s cases.....D	.53	.54	Cuts, bales.....D	.12	.14
Sands, No. 1 cases.....D	1.03	1.05	75s, 80s, cases.....D	.59	.61	Domestic leaf.....D	.18	.19
Batavia, No. 2, cases.....D	.88	.90	Grinding, bags.....D	.48	.50	Peru Balsam, see Balsams.....D	.....	.....
West India, cases.....D	.85	.87	Nux Vomica Buttons, bags.....D	.05 1/4	.06	Mchl Leaves, bags.....D	.17	.19
Wala Flowers, blue bales.....D	.34	.37	Powdered, 200 lb bbls.....D	.09	.12	Pimento, elect, bags.....D	.09	.09 1/2
Black, bales.....D	.55	.60	SAK BARK, red bags.....D	.05	.06	Pink Root, true bags.....D	.72	.75
Mancoa Root, bales.....D	.17	.22	White, bags.....D	.06	.07	Pitch, Burgundy, see Burgundy Pitch.....D	.....	.12
Manna, large flake, cases.....D	.65	.70	Oilbanum Gum, sift 280 lb cases..D	.12	.12 1/2	Plantain Leaves, bales.....D	.....	.19
Small flake, cases.....D	.36	.40	Tears, 280 lb cases.....D	.....	.....	Pleurisy Root, bags.....D	.08	.09
Sorts, cases.....D	.....	.30	No. 1, all white 280 lb cases.....D	.22	.23	Poke Berries, bags.....D	.....	.36
Mandrake Root bags.....D	.10	.12	No. 2, 250 lb cases.....D	.13	.14	Pomegranate Bark, of root bags..D	.....	.30
Marjoram Leaves, German, bales..D	.28	.29	Opium, gum, USP, cases.....D	12.00	13.00	Of Tree.....D30
African, bales.....D	Granular, cans.....D	13.00	14.00	Poorv Flowers, red bags.....D	.25	.27



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Poppy Seeds, Dutch, bags....lb	.11	.11%	Savory Leaves, bales.....lb	.07%	.08	Spruce Gum, boxes.....lb	1.00	1.50
German, bags.....lb	.09%	.10	Raw Palmatio Berries, bags....lb	.40	.45	Squaw Vine, bales.....lb	.14	.17
Turkish, bags.....lb	.09%	.09%	Scammony Resin, boxes.....lb	1.20	1.50	Squills, white.....lb	.05	.04
Blue Indian, bags.....lb	..	..	Scammony Root, bags.....lb	.07	.08	Powdered, bulk.....lb	.13	.14
White Indian, bags.....lb	.08%	.09	Senega Root, bags.....lb	.55	.54	Stavesacre Seed, bags.....lb	.35	.37
Prickly Ash Bark, Southern, bags..lb	.21	.22	SENNA, Alex 150 lb cases....lb	.22	.23	Sticklac, 250 lb bales.....lb	.35	.40
Northern, bags.....lb	..	..	half Leaf, 350 lb bales.....lb	.13	.16	Stillings Root, bags.....lb	.13	.13
Prickly Ash Berries, bags.....lb	.12	.14	Serrings, 400 lb bales.....lb	.10	.11	Stene Root, bags.....lb	.09	.10
Prince's Pine, bales.....lb	.20	.25	rewetted, 200 lb bbls.....lb	.14	.14%	St. Ignatius Beans, bags.....lb	.12	.14
Pulsatilla Herb, bags.....lb	.12	.13	Tinnerelly, Bold, 350 lb bbls..lb	.14	.11	St. John's Bread, bags.....lb	.08	.09
Pumpkin Seed, bags.....lb	.18	.20	Medium Leaf.....lb	.11	.14	Stramonium Leaves, bales.....lb	.08	.09
QUASSIA CHIPS, bags.....lb	.07	.07%	small Leaf.....lb	.08	.11	Stramonium Seed, bags.....lb	.10	.11
Queen of the Meadow Herb, bags..lb	..	.06	Powdered, 200 lb bbls.....lb	.09%	.10	Strophanthus Seed, Haplidum....lb	..	..
Quince Seed, bags.....lb	.78	.80	Pods, 350 lb bales.....lb	.30	.31	Kombe bags.....lb	1.00	1.25
RAPE SEED, South Amer. bags..lb	.06%	.07	Serpentaria Root, bags.....lb	.85	.90	Stryx, liquid artif.....lb	.35	.40
Dutch, bags.....lb	.08	.08%	smallac, D. C., bags.....lb	.78	.76	Gen. USE.....lb	.45	.60
Japanese, small, bags.....lb	.07%	.08	v.S.O. bags.....lb	.78	.76	Sunflower Seed, domestic bags...lb	.05%	.06
Raspberries, dried boxes.....lb	.60	.62	Amamond I, bags.....lb	.78	.76	South American, bags.....lb	.05	.05%
Red Saunders.....lb	.17	.19	Superfine, Orange, bags.....lb	.03	.05	TAGALDER BARK, bags.....lb	.05	.04
Rhatany Root, bags.....lb	.09	.10	Pine, bags.....lb	.03	nom.	Pamarinde, bbls.....lb	.07	.08
RHUBARB, Root, H.D., cases....lb	.33	.34	T. N., bags.....lb	.59	.60	Kops.....per bag	3.75	3.80
Powdered, 200 lb bags.....lb	.38	.40	Garnet, A. C., bags.....lb	.57	.60	Tansy Herb, bales.....lb	.18	.19
Rosemary Leaves, bales.....lb	.06%	.07	ruston bags.....lb	.76	.76	Tar, Barbados, 50 gal. bbls....gal	1.40	1.50
Rosemary Flowers, cases bales...lb	..	.40	Bleached, ground, blue.....lb	.66	.68	Thus Gum, 280 lb bbls.....lb	..	.00%
doe Petals, pale.....lb	.27	.30	none Dry, bbls.....lb	.66	.68	Thyme, Spanish bales.....lb	.09	.09%
Red.....lb	.90	1.00	Sideritis Herb, cut bags.....lb	.15	.16	French, bales.....lb	.08	.09%
Rue Herb, bales.....lb	.18	.20	Samartha Bark, bales.....lb	.08	.10	Tilla, see Linden	..	..
SABADILLA SEED, bags.....lb	.14%	.16	Stellacp Leaves, Eastern, bales..lb	.60	.62	Tolu Balsam, See Balsams	..	..
Powder, bbls.....lb	.19	.20	western, bales.....lb	.33	.34	Tooga Bark, bags.....lb	.70	.75
Saffron Flowers, Amer. bales...lb	.40	.43	Skunk Cabbage Root, bales.....lb	.13	.16	Tonka Beans, Angostura, cases..lb	2.00	2.10
Valencia, 1 lb cans.....lb	\$1.00	\$2.00	Snake Root, Canada, natural, bags..lb	.84	.85	Para, cases.....lb	.85	.90
Sage, Dalmatian, bales.....lb	.04%	.06%	stripped, bags.....lb	.50	.50	Surinam, cases.....lb	.85	.90
Greek, bales.....lb	.03%	.04	SOAP BARK, whole, 150-200 lb	..	..	Tragacanth Gum, No. 1 ribbon	..	..
Spanish, bales.....lb	.08	.03%	cases.....lb	.10	.12	100 lb ca.....lb	1.45	1.50
Sandalwood, chips, bags.....lb	.16	.19	Cut, 125-175 lb bags.....lb	.09%	.10%	No. 2.....lb	1.15	1.30
Ground, bags.....lb	.21	.23	crushed, 200 lb bbls.....lb	..	.11%	Powdered, 50 lb boxes.....lb	.87	.92
Sandarac Gum, 300 lb bbls.....lb	.42	.43	rewetted, 200 lb bbls.....lb	.18	.14	Turkish, cases.....lb	.70	.85
Sarsaparilla Root, Honduras, bales..lb	.70	.72	spearmint Leaves, American bales..lb	.27	.29	..	..	..
Mexican.....lb	.22	.23	Spermaceti, blocks, cakes, cases..lb	.42	.43	..	..	..
Sassafras Bark, ordinary bales..lb	.15	.17	Spikenard Root, bags.....lb	.17	.18
Select, bales.....lb	.32	.33

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Turneric Root, Madras bags....lb	.12 1/4	.13
Aleppv, bags.....lb	.10 3/4	.11
Powdered.....lb	.13 1/4	.14
China, bags.....lb	.09	.09 1/4
Argentine, Venice, true 80 lb ca....lb	.26	.27
Artificial, 80 lb cases.....lb	.11	.13
Spirits, see Naval Stores		
UNICORN ROOT, false, see Helonias		
Tue, see Aletris		
Dra Urst Leaves, bales.....lb	.05	.05 1/4
VALERIAN ROOT, Belgian bags....lb	.45	.50
Vanilla Beans, Mex, whole cases....lb	10.00	11.00
Cuts, cases.....lb	8.25	8.50
Bourbon, cases.....lb	8.50	9.00
South American, cases.....lb	8.75	9.00
Thaili, yellow label cases....lb	7.75	8.00
Green Label, cases.....lb		
Vetiveri Root, 100 lb bags.....lb	.25	.26
Violet Flowers, bags.....lb	.80	.95
WANGO BARK, of root bags.....lb	.76	.80
Of Tree, bags.....lb	.32	.34
White Pine Bark, rosed, bags....lb	.07 1/2	.08
White Poplar Bark, bags.....lb	.06	.07
Wild Cherry Bark, thin green		
Rosed, bales.....lb	.12 1/4	.14
Thick Rosed, bales.....lb	.07	.09
Thin Natural, bales.....lb	.09	.09 1/4
Thick Natural, bales.....lb	.06	.07
Willow bark, bags.....lb	.06	.06 1/2
White, bags.....lb	.15	
Witch Hazel Bark, bags.....lb	.07 1/2	.09
Leaves, bales.....lb	.07 1/2	.09
Worm Seed, American, bags.....lb	.08	.08 1/4
Lemait, bags.....lb	2.95	3.05
Wormwood Herb, imported bales....lb	.10	
Yacca Gum, red.....lb	.04	.04 1/4
Ground.....lb	.05 1/4	.06 1/4
Yellow Root (Zanthoxis) bags....lb	.16	.17
YELLOW DOCK ROOT, bags.....lb	.12	.14
Yellow Parilla Root, bags.....lb	.16	.17
Yerba Santa, bags.....lb	.10	.11
Zedary Root, bags.....lb	.11	.12

Essential Oils

Almond, Bitter, USP, 5 lb bot....lb	3.00	3.25
Bitter ff PA 5 lb bota.....lb	3.15	3.35
Sweet, 56 lb cans.....lb	.80	.95
Apricot Kernel, 50 lb cans....lb	.50	.55
Amber, crude, 25 lb tins.....lb	.50	.60
Rectified, 25 lb tins.....lb	.75	.80
Angelica Root, 1 lb bot....lb	25.00	35.00
ANISE, Tech, 66 lb case.....lb	.60	.61
USP, 60 lb cans.....lb	.62 1/2	.65
Bay, 25 lb tins.....lb	2.25	2.35
Terpeneless.....lb	6.00	6.50
Bergamot, 25 lb coppers.....lb	3.30	3.75
Terpeneless.....lb	10.00	14.00
Artificial, 25 lb cans.....lb	2.00	2.25
Birch Tar, rect, 5 lb bot....lb	.60	.70
Crude, 50 lb tins.....lb	.20	.25
Bols de Rose, 25 lb tins.....lb	4.00	4.25
Cade, 25 lb cans.....lb	.30	.35
Cajuput, native, 50 lb tins....lb	.75	.80
Calamus, 5 lb bot....lb	3.75	4.00
Camphor, Sassy 1000 lb drs.....lb		.14 1/4
White, 1000 lb drs.....lb	.11 1/4	.12
Cane, 50 lbs.....lb	.14	.14 1/4
Cananga, native, 25 tins.....lb	2.30	2.40
Rectified, 25 lb tins.....lb	2.75	3.00
Caraway, USP.....lb	1.75	2.00
Cardamom, USP, 1 lb bot....lb	40.00	45.00
Carrot, 5 lb bot....lb	8.75	9.75
Cassia, USP, 1 lb bot....lb	50.00	52.00
CASSIA, 80-85 p.c, 400 lb drs....lb	1.90	2.00
Redistilled, USP, 50 lb cans....lb	2.35	2.40
Cedar Leaf, 50 lb tins.....lb	.82 1/2	.90
Cedar Wood, light 1000 lb drs....lb	.57 1/2	.60
Celery, 1 lb bot....lb	8.75	9.00
Chaulmoogra, 80 lb case.....lb	.85	.90
Cinnamon, Ceylon, 1 lb bot....lb	10.50	11.00
Leaf, 5 lb bot....lb	1.40	1.50

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1000 lb drums.....lb	.66	.68
50 lb tins.....lb	.68	.69
Java, 400 lb drums.....lb	1.00	1.10
50 lb tins.....lb	1.10	1.20
Cloves, USP, 50 lb cans.....lb	1.70	1.75
6 lb bot....lb	1.75	1.85
Copaiba.....lb	.55	.60
Coriander, USP, 1 lb bot....lb	9.50	10.00
Croton, USP, 25 lb tins.....lb	.90	.95
Cubeba, USP, 5 lb bot....lb	4.50	4.60
Cumin, 1 lb bot....lb	11.00	15.00
Dill, 25 lb cans.....lb	4.00	4.25
Erigeron 20 lb tins.....lb	3.25	3.75
EUCALYPTUS, Austl, USP,		
56 lb ca.....lb	.57	.58
500 lb drums.....lb	.55	.56
Fennel, USP, 25 lb tins.....lb	.80	.90
Geranium, African, 25 lb cans....lb	5.25	6.50
Bourbon, 25 lb tins.....lb	4.50	5.50
Turkish, 28 lb tins.....lb	4.00	4.50
Ginger, 1 lb bot....lb	10.00	11.00
Gingergrass, 25 lb tins.....lb	2.50	2.75
Hemlock, 25 lb tins.....lb	.80	.85
Juniper Berries, USP, 25 lb tins....lb	2.25	2.50
Wood, 50 lb tins.....lb	.50	.55
Lavender, USP, 28 lb tins.....lb	5.25	6.00
spike, Spanish, 50 lb cans....lb	1.10	1.75
LEMONG, Ital USP, 25 lb cans....lb	1.00	1.50
Terpeneless.....lb	8.00	11.00
American, USP 25 lb cans....lb	1.00	1.05
Lemongrass, native, 50 lb cans....lb	1.00	1.05
Limes, Express, 25 lb tins.....lb	4.50	4.75
Distilled, 25 lb tins.....lb	1.75	1.85
Linaloe, Mex., 80 lb cases.....lb	4.00	4.25
Mace, distilled, 50 lb tins.....lb	1.40	1.50
Mirbane, ref., see Ar. Chemicals		
Mustard, USP, 1 lb bot....lb	...	14.00
Artif, USP, 5 lb bot....lb	2.25	2.35
Neroli, Bigarade, 1/2 & 1 lb bot....lb	40.00	60.00
Petale, 1 lb bot....lb	80.00	100.00
Artificial, 1 lb bot....lb	10.00	25.00

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Essential Oils

Nutmeg, USP, 25 lb tins.....	D	1.40	: 1.60
Orange, bitter, 25 lb tins.....	D	2.60	: 2.70
Sweet, W. Ind, 25 lb tins.....	D	2.50	: 2.70
Italian, 25 lb cop.....	D	2.65	: 3.00
American, 25 lb tins.....	D	2.70	: 2.75
Distilled, 25 lb tins.....	D	1.65	: 1.75
Spanish, 25 lb tins.....	D	2.75	: 2.90
Origanum, 50 lb cans tech.....	D	.25	: .30
Caraway, 1 lb bot.....	D	3.50	: 3.75
Fatchouli, 5 lb bot.....	D	4.50	: 5.50
Peppermint, dom., 25 lb tins.....	D	2.00	: 2.15
Imported, 25 lb tins.....	D	1.70	: 2.00
PEPPERMINT, nat, 60 lb cases.....	D	13.25	: 14.00
Reds. USP, 60 lb cases.....	D	14.25	: 16.00
Petit Grain, S. A. 25 lb tins.....	D	2.15	: 2.35
French, 1 lb bot.....	D	7.00	: 8.00
Italian, 25 lb tins.....	D	2.25	: 2.35
Pimento, 25 lb tins.....	D	3.50	: 3.55
Pinus Sylvestris, 25 lb tins.....	D	.85	: 1.10
Pumilio, USP, 25 lb tins.....	D	2.25	: 2.50
Rose, Fr., 8, 16 & 32 oz pks.....	os	.....	: 9.00
Bulg., 8, 16 & 32 oz pks.....	os	9.00	: 11.00
Artificial, 1 lb bot.....	D	2.00	: 3.00
Rosemary, USP, 27 1/2 lb tins.....	D	.48	: .55
1000 lb drums.....	D	.45	: .50
Tech., 27 1/2 lb tins.....	D	.38	: .40
Rue, 1 lb bot.....	D	.....	: 4.00
Sandalwood, K. Ind., USP, 75 lb cases.....	D	7.00	: 7.25
W. Indian (Amgris) 25 lb tins.....	D	2.40	: 2.60
Sassafras, USP, 50 lb cans.....	D	.90	: 1.00
Artificial, 1000 lb drs. 60 lb cans.....	D	.27	: .29
Savin, 50 lb tins.....	D	2.15	: 2.25
Spearmint, USP, 60 lb cases.....	D	3.75	: 4.00
Spruce, 50 lb tins.....	D	.80	: .85
Tar, 50 gal bbls.....	gal	2.25	: 2.7
Refined, USP, 25 lb tins.....	D	3.10	: 3.25
Thyme, red, USP, 25 lb tins.....	D	.85	: 1.00
White, USP, 25 lb tins.....	D	1.00	: 1.10
Tech., 110 lb drums.....	D	.30	: .35

Vetivert, Bourbon, 1 lb bot.....	D	12.00	: 14.00
Indian, 1 lb bot.....	D	30.00	: 40.00
Java, 1 lb bot.....	D	20.00	: 22.00
Wine, heavy, 1 lb bot.....	D	.....	: 1.50
WINTERGREEN			
Sweet beh., 25 lb tins.....	D	2.50	: 3.00
Southern, 25 lb tins.....	D	1.85	: 3.00
(Santalidia, true 25 lb tins.....	D	7.00	: 8.00
Southern, 25 lb tins.....	D	3.75	: 4.00
Synthetic, see Methyl Salicylate			
Normseed, Bait, USP, 25 lb tins.....	D	3.25	: 3.35
Wormwood, dom., 25 lb tins.....	D	4.00	: 4.50
Ylang Ylang, Bourbon, 10 lb tins.....	D	.....	: 10.00
No. 1.....	D	9.00	: 10.00
No. 2.....	D	6.00	: 7.00
Manilla, 1 lb bot.....	D	35.00	: 40.00

OLEORESINS

Aspidium, USP, 1 lb bot.....	D	2.00	: 2.25
Capicum, USP, 1 lb bot.....	D	2.00	: 2.25
Guaiac, USP, 1 lb bot.....	D	4.04	: 4.50
Ginger, 5 lb bot.....	D	3.25	: 3.50
Malefern, see Aspidium			
Gris, 1 lb bot.....	D	14.00	: 18.00
Pepper, black, USP, 1 lb bot.....	D	8.50	: 4.00
Vanilla, 1 lb bot.....	D	16.50	: 22.00

Aromatic Chemicals

NATURAL DERIVATIVES

Anethol, 2 lb bot.....	D	1.10	: 1.25
Borneol, 1 lb bot.....	D	2.50	: 3.75
CITRAL, 250 cans.....	D	5.00	: 8.50
Citronellal, 1 lb bot.....	D	2.50	: 3.00
EUCALYPTOL, USP, 50 lb cans.....	D	.90	: .95
Eugenol, USP, 25 lb cans.....	D	3.10	: 3.25
Geraniol, Domestic, 50 lb cans.....	D	3.50	: 4.00
Imported, 5 lb bot.....	D	4.00	: 4.50
Iso-Eugenol, 1 lb bot.....	D	4.00	: 4.50
Imported.....	D	4.50	: 5.00

Linalool, 5 lb bot.....	D	6.00	: 6.25
From Bois de Rose, 5 lb bot.....	D	7.00	: 7.50
MENTHOL, 60 lb cases.....	D	10.75	: 11.00
less cases, 5 lb cans.....	D	11.00	: 11.25
Rhodinol, 1 lb bot.....	D	16.00	: 19.00
Extra, 1 lb bot.....	D	40.00	: 47.00
AFROL, drums.....	D	.31	: .32
60 lb cans.....	D	.33	: .34
Thymol, USP, 25 lb tins.....	D	3.75	: 4.00

SYNTHETIC AROMATICS

Acetophenone, CP, 1 lb bot.....	D	3.50	: 3.75
Aldehyde, C-8 (Octyl) 1 lb bot.....	D	45.00	: 60.00
C-9 (Nonyl), 1 lb bot.....	D	70.00	: 75.00
C-10 (Decyl), 1 lb bot.....	D	50.00	: 58.00
C-12 (Dodecyl), 1 lb bot.....	D	37.50	: 32.50
C-14, 1 lb bot.....	D	22.50	: 25.00
C-16, 1 lb bot.....	D	70.00	: 80.00
Anethole, see Anisole Aldehyde			
Amyl Acetate, pure 5 gal cans.....	gal	4.75	: 5.50
Butyrate, 1 lb bot.....	D	1.90	: 2.00
Cinnamate, 1 lb bot.....	D	4.00	: 4.50
Formate, 1 lb bot.....	D	1.75	: 2.00
Phenyl Acetate, 1 lb bot.....	D	4.50	: 5.00
SALICYLATE, dom. 100 lb chys.....	D	1.45	: 1.50
Imported.....	D	2.25	: 2.50
Valerate, 5 lb bot.....	D	2.75	: 3.00
Anisole Aldehyde, 1 lb bot.....	D	3.50	: 3.75
BENZALDEHYDE, USP, 40 lb chys.....	D	1.30	: 1.40
FFC, 40 lb chys.....	D	1.40	: 1.50
Imported, USP.....	D	1.00	: 1.10
Benzene Ether, see Ethyl Benzene			
Benzophenone, 1 lb bot.....	D	4.50	: 5.00
Benzyl Acetate, 100 lb chys.....	D	1.40	: 1.50
Alcohol, 5 lb bot.....	D	1.45	: 1.55
BENZGATE, 5 lb bot.....	D	1.90	: 1.75
Medicinal FFC.....	D	1.75	: 2.00
Butyrate, C.P., 1 lb bot.....	D	6.00	: 6.50
Cinnamate, 1 lb bot.....	D	10.00	: 10.50
Formate, 1 lb bot.....	D	3.25	: 3.50



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Aromatic Chemicals

Benzyl Propionate, 1 lb. bot.....	5.00	5.25	Isobutyl, 1 lb. bot. imp.....	4.00	4.50	Terynyl Acetate, 25 lb. cans.....	1.85	1.95
Benzyl Acetate, 1 lb. bot.....	3.75	4.00	Domestic, 5 lb. bot.....	4.00	4.25	Imported, 25 lb. cans.....	1.90	2.20
Bromocresol, 25 lb. cans.....	2.50	4.00	Linyl Acetate, 1 lb. bot.....	7.50	8.50	TERPENEOL, CP, 1000 lb. drs.....	1.35	.37
Butyl Antichloride, 1 lb. bot. dom.	.....	16.00	Benzoate, 1 lb. bot.....	13.00	14.00	Cams, 50 lb.....	.39	.41
Butyric Ether, See Ethyl Butyrate	.....		Formate, 5 lb. bot.....	10.50	12.00	Absolute, 25 lb. cans.....	.50	.70
Cinnamic Acid, 5 lb. cans.....	3.25	3.50	Methyl Acetophenone.....	3.50	3.75	Imported, 25 lb. cans.....	.40	.42
Alcohol, liquid 1 lb. bot.....	9.00	9.50	ANTHRANILATE dom., 1 lb. bot.....	2.50	3.25	VANILLIN, USP, 500 gm. cans.....	...	.49 1/2
Crystallizable.....	9.50	10.00	Imported.....	2.75	3.75	Cams, 16 oz., 80 gm.....	.50	.51
Aldehyde.....	3.50	3.75	Benzoate, 5 lb. bot. import.....	3.00	3.25	Second Hands.....	.47	.50
CITRONELLOL, 1 lb. bot.....	7.50	9.00	Domestic, 5 lb. bot.....	1.75	2.00	Valerianic Ether, See Ethyl Valerate	.....
Imported, 1 lb. bot.....	8.00	10.00	Cinnamate, 1 lb. bot.....	3.50	3.75	Yara Yara, 1 lb. cans.....	1.50	1.60
Chromell Acetate, 1 lb. bot.....	13.00	14.00	Heptenone, 1 lb. bot.....	8.00	8.25	PERFUMERS' SUNDRIES	.....
CHUMARIN, 25 lb. cans.....	3.25	3.45	Paracresol, 1 lb. bot.....	8.00	9.00	Almond Meal, 25 lb. cans.....	.24	.30
DIETHYL PHTHALATE, 25 lb. cans.....	.35	.38	Phenylacetate, 5 lb. bot. dom.....	3.75	4.00	Amber, liquid, 400 lb. drs.....	2.30	2.50
500 lb. drs.....	.30	.32	SALICYLATE, USP 500 lb.	.....		Ambergris, black, bxs.....	8.00	10.00
Diphenylchloride, 25 lb. tins.....	.85	.90	drums.....	.....	.45	Ambergris, gray, bxs.....	...	26.00
Ethyl Acetate, pure, 5 lb. bot.....	.45	.60	50 lb. cans.....	.....	.47	Balsam Copaiba, Para, 80 lb. cases.....	.54	.55
Benzoate, 5 lb. bot.....	1.75	1.90	Second Hands.....	.44	.45	South American, 80 lb. cases.....	.58	.60
Butyrate, 5 lb. bot.....	1.90	2.10	Mirbane, rect., 1000 lb. drums.....	.12	.14	Peru, 120 lb. cases.....	1.90	2.00
Caproate, 1 lb. bot.....	3.25	3.50	Musk Ambrette, 1 lb. cans.....	10.00	10.50	Tolu, 90 lb. cases.....	1.40	1.50
Cinnamate, 1 lb. bot.....	3.50	3.75	Ketone, 1 lb. cans.....	11.50	12.00	Benzoin Gum, Stam. bxs.....	1.30	1.35
Formate, 5 lb. bot.....	.90	1.25	Xylene, 5 lb. cans.....	3.25	3.50	Castoreum, 1 lb. bot.....	4.50	5.00
Ethyl-methyl Paracresol, 1 lb. bot.....	3.25	3.50	Nerolin, 1 lb. cans.....	1.50	1.60	Chalk, precip. light, 175 lb. bbls.....	.04 1/2	.06
Ethyl Phenylacetate, 5 lb. bot.....	3.75	4.00	Oenanthe Ether, 1 lb. bot.....	1.75	2.00	Cherry Laurel Water, 5 gal. cans.....	1.15	1.25
Propionate, 1 lb. bot.....	1.75	2.00	Para-Cymene, Refd., 110 gal. drs.....	2.25	2.50	Civet Abyssin, horns.....	2.25	2.50
Valerate, 5 lb. bot.....	.....	3.75	Phenylacetaldehyde, Dom.,	.....		Labdaum, 5 lb. bot.....	...	8.00
Galicylate, 5 lb. bot.....	2.00	2.10	1 lb. bot. 50 p.e.....	8.00	8.50	Laurel hydrous, 350 lb. bbls.....	.15	.31
Formic Ether, See Ethyl Formate	.....		Imported, 50 p.e.....	7.00	7.50	Anhydrous, 350 lb. bbls.....	.18	.33
Geranyl Acetate, 1 lb. bot.....	4.75	5.00	80-85 p.e.....	14.00	16.00	Musk pods, Cabardine, tins.....	16.00	17.00
Butyrate, 1 lb. bot.....	13.00	13.50	Phenylacetic Acid, 1 lb. bot.....	3.00	3.25	Tonguin, tins.....	22.00	23.00
Formate, 1 lb. bot.....	12.00	12.50	Phenyl Diacetate, 1 oz. bot.....	3.25	3.50	Grains, Cabardine, tins.....	25.00	26.00
Heliotropin, dom., 100-10 lb.....	1.85	2.00	1 lb. bot.....	8.00	10.00	Synthetic, See Aromatic Chemicals	34.00	35.00
Imported.....	2.10	2.40	Imported.....	7.00	7.75	Orris Rt. Flor., powd bbls.....	.12	.13
Hydroxydiphenylal, 1 lb. bot.....	12.00	14.00	Phenylethyl Alcohol, 1 lb. bot.....	6.00	7.00	Verona, powd bbls.....	.10	.11
Indol, CP, 1 oz. bot.....	6.00	6.50	Phenylethyl Butyrate, 1 lb. bot.....	26.00	28.00	Petrolatum, snow white 350 lb. bbls.....	.13 1/2	.14
Isosure, 1 lb. bot. 100%.....	10.00	11.00	Formate, 1 lb. bot.....	10.00	21.00	Light Amber, 250 lb. bbls.....	.04 1/2	.05 1/2
Alpha.....	14.50	16.00	Propionate, 1 lb. bot.....	20.00	24.00	Rice Starch, 140 lb. bbs.....	.09	.10
Beta.....	12.75	14.50	Valerate, 1 lb. bot.....	35.00	29.00	Rose Water, 2-5 gal. chys.....	1.00	1.25
Methyl.....	16.00	18.00	Phenylpropylalcohol, 1 lb. bot.....	15.00	16.00	Sandalwood chips, powd., bags.....	.80	.85
Isobutyl Benzoate, 5 lb. bot.....	4.75	5.00	Skatol, 1 oz. bot.....	7.00	7.25	Saponin, 5 lb. tins.....	1.15	1.30

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BARK—Cinchona, 238 bls., Order, Rotterdam
BARYTES—88 cks., Toch Bros., London; 60 bgs., Order, Hamburg
BISMUTH METAL—8 cs., N. Y. Quinine & Chem. Works., Southampton

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CAMPHOR—100 cs., Equit Trust Co., Hamburg
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DRUGS—5 cs., G. J. Wallau, Havre; 4 cs., 1 dr., Burroughs Wellcome & Co., London

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EPSOM SALTS—235 brls., Order, Hamburg; 200 brls., Innis Speiden Co., Hamburg Co., Hamburg

ERYTHROL TETRANITRATE—1 csc., Burroughs Wellcome & Co., London

ETHYL CHLORIDE—7 cs., Hensel Bruckmann & Lorbacher, Hamburg

EXTRACTS—Quebracho, 13,723 bgs., Beekman Winthrop Co., Buenos Aires; Fern, 1 csc., Dodge & Olcott Co., Hamburg

FULLERS EARTH—20 bgs., Order, London

FLOWERS—Chrysanthemum, 98 bls., A. Jonsson Co., Trieste; 12 bls., Pfaltz & Bauer, Trieste; Insect, 6 bls., Order, Trieste

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GELATINE—58 pgs., W. E. Miller, Havre; 5 bls., W. E. Miller, Havre; 21 cs., P. C. Zuhlik, Rotterdam

GLAUBER SALTS—174 brls., Equit Trust Co., Hamburg

GLUE—20 bgs., Pfaltz & Bauer, Liverpool; 50 bgs., C. B. Hewitt & Bros., Liverpool; 90 bgs., Amer. Exp. Co., Liverpool; 6 brls., Order, Liverpool; 10 cs., R. Reynolds, Bordeaux; 400 bgs., S. Isaacs & Co., Hamburg; 200 bgs., N. Y. Trust Co., Trieste; 58 pgs., W. E. Miller, Havre

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LIME CHLORINATED, 75 cs., H. Kohnstamm & Co., Liverpool; Citrate, 172 cs., Order, Messina

LINALYL ACETATE—2 cs., Order, Hamburg

LIQUOR-Sulfite, 25 cks., Kuttroff Pickhardt & Co., Rotterdam

LITHOPONE—80 cks., L. H. Butcher & Co., Rotterdam

LUPULIN—49 cs., Jungmann & Co., Hamburg

MAGNESIUM CARBONATE—3 cs., Yardley & Co., Southampton; Chloride, 368 drs., Mrs. Trust Co., Hamburg

MEDICINALS—215 cs., J. E. Cristani, Genoa; 7 cs., Burroughs Wellcome & Co., London; 5 cs., H. A. Metz & Co., Rotterdam; 5 cs., Burroughs Wellcome & Co., London; 41 cs., J. Personeni Inc., Genoa

MERCURY—25 flasks, N. Y. Quinine & Chem. Works, Vera Cruz; 25 flasks, Haas Bros., Vera Cruz

MYROBALANS—3596 pkts., Nat City Bank, Calcutta; 6900 pkts., Order, Calcutta

NAPHTHALENE—89 cks., Chemical Depot Inc., Hamburg

NICKEL SULFATE—35 cks., Gallagher & Ascher, Bristol

OILS—Cajeput, 10 cs., Order, Rotterdam; Coconut, 92 cwt., 169 tons, Philippine Ref Co., Manila; 690 tons, 20 cwt., Philippine Ref. Co., Cebu; Codliver, 100 brls., C. L. Huis-king, Rotterdam; Eucalyptus—22 drums, F. McCoy & Co., Melbourne; 95 cs., 23 drs., Order, Melbourne; Fusel, 16 drs., Order, Trieste; Linaloe, 3 drs., Order, Vera Cruz; Linseed, 150 brls., Order, Rotterdam; Olive, 200 cs., A. Morici & Co., Palermo; 100 cs., Order, Bari; 625 brls., Order, Bari; 200 cs., Latoracca Bros., Naples; 950 cs., Order, Leghorn; 165 cs., C. Monacacci, Genoa; 260 cs., Order, Genoa; 200 brls., G. Bellancini, Catania; 117 cs., Order, Palermo; 150 cs., J. Petrocelli & Co., Genoa; 100 cs., F. N. Giavi, Genoa; 150 cs., S. N. Monahos, Genoa; 280 cs., Order, Genoa; 100 cks., Order, Marseilles; 205 cs., J. Mariani, Naples; Olive Oil Foots, 200 brls., Webster & Atlas Nat. Bank, Bari; 100 brls., Order, Patras; Palm, 30 brls., 68 cks., Order, Liverpool; Rape, 50 brls., Order, Rotterdam; Seal, Quantity Bowring & Co., St. Johns; Sulfur, 100 brls., Leghorn Trdg Co., Messina; 300 brls., East River Nat. Bank, Bari; 200 brls., Grace Nat. Bank, Bari; 300 brls., Order, Bari; 250 brls., Order, Bari; 120 brls., Order, Palermo; Whale, 2181 brls., 2217 brls in bulk, Procter & Gamble, Shetland Island

OILS ESSENTIAL—16 cs., Polaks Frutal Works, Rotterdam; 3 cs., General Transport Co., Naples; 200 cs., Order, Messina; 1 csc., Ungerer & Co., London; 123 cs., Amer. Shpg Co., Bordeaux; 3 cs., L. De Luca, Messina; 64 cs., Goldman Sachs Co., Hamburg; Almond, 5 cs., Ungerer & Co., London; Bay, 2 cs., R. Moelhausen, St. Lucia; 2 cs., Planters Produce Co., Dominica; 10 cs., R. Moelhausen, Guadeloupe; Cinnamon Leaf, 8 drs., Chem. Nat. Bank, London; Citronella, 5 drs Catz Amer. Co., Batavia; 2 drs., Goldman Sachs & Co., Batavia; 24 drs., Catz Amer. Co., Batavia; 4 drs., Order, Batavia; Lemon 200 cs., Order, Messina; 8 cs., C. L. Huis-king Co., Messina; 380 cs., Dodge & Olcott Messina; Lime, 2 cs., Park Benziger & Co., St. Lucia; 2 cs., R. Moelhausen, Guadeloupe; Orange, 25 cs., Leghorn Trdg Co., Messina; 230 cs., Order, Messina; Rosewood, 4 drs., Middleton & Co., Cayenne; 9 drs., French Amer. Banking Co., Cayenne; 32 drs., Order, Cayenne

ORTHOTOLUIDIN—10 brls., Roessler & Hasslacher Chem Co., Hamburg

PHOSGENE—60 cylinders Chemical Depot, Inc., Hamburg

PITCH—Burgundy, 200 stands Order, Rotterdam

PLUMBAGO—2,060 bgs., Order, Colombo

POTASSIUM SALTS—Carbonate, 23 cks., Order, Hamburg; Caustic, 300 drs., Innis Speiden & Co., Hamburg; Chlorate, 300 kgs., Order, Hamburg; 2,000 cks., Uniform Chem Prod. Co., Hamburg; Nitrate, 39 bgs., Kuttroff Pickhardt Co., Rotterdam; 100 brls., Order, Hamburg; 5 bgs., Kuttroff Pickhardt, Hamburg

PYRIDINE—16 drs., Order, Hamburg

QUININE—24 cs., R. W. Greeff & Co., Rotterdam; 1 csc., W. Van Doorn, Rotterdam

QUINODINE—2 cs., W. Van Doorn, Rotterdam

ROOTS—37 bgs., Pfaltz & Bauer, Hamburg; 10 bgs., Pfaltz & Bauer, Trieste; Arrow, 10 cs., J. P. Smith & Co., London; Broom, 10 bgs., H. Triest Co., Vera Cruz; 50 bls., Order, Vera Cruz; Canagria, 3 bgs., Order, Vera Cruz; Ipecac, 6 bls., Colombian Amer. Corp., Cartagena; Jalapa, 8 bgs., H. Triest & Co., Vera Cruz; 46 bgs., Graham Hinckley Co., Vera Cruz; Sarsaparilla, 10 bls., Order, Vera Cruz

ROSIN—2 cs., C. Fischer Inc., Bremerhaven

SALT—1232 cks., W. A. Hazard & Co., Liverpool

SEEDS—22 bgs., Order, Marseilles; Cardamom 49 cs., Order, Colombo; Castor, 1694 bgs., Seaboard Nat Bank, Pernambuco; 163 bgs., H. Mann & Co., Port De Paix; 223 bls., W. & A. Leaman, Port De Paix; Flax, 8910 bgs., L. Dreyfus & Co., Buenos Aires; 4173 tons, Order, Buenos Aires; 14,479 bgs., Order, Rosario; Mustard, 500 bgs., R. F. Downing & Co., London

SHELLAC—150 bgs., 25 cs., J. Munroe & Co., Calcutta; 175 bgs., Standard Bank of So. Africa, Calcutta; 200 bgs., Seaboard Nat. Bank, Calcutta; 100 bgs., British Bank of So. America, Calcutta; 829 bgs., Order, Calcutta; Button Lac, 50 cs., 50 bgs., J. Munroe & Co., Calcutta; Seed Lac, 19 bgs., Order, Calcutta; Sticklac, 112 bgs., Nat. City Bank, Singapore

SODIUM SALTS—Cyanide, 202 drs., Order, Liverpool; Cyanure, 442 cs., Anglo So. Am. Trust Co., Havre; Ferro Cyanide, 30 cs., E. Dietzgen, Rotterdam; Fluoride, 34 cks., Jungmann & Co., Hamburg; Hydrosulfite, 159 kgs., H. A. Metz & Co., Rotterdam; 50 kgs., Order, Liverpool; Nitrate, 6659 bgs., Antony Gibbs & Co., Antofagasta; 6652 bgs., Wessel Duval & Co., Antofagasta; 6603 bgs., Wessel Duval & Co., Iquique; 6823 bgs., Antony Gibbs & Co., Iquique; Phosphate, 8 cs., R. Rudloff, Rotterdam; Sulfate, 70 pgs., Davies Turner & Co., Bristol; 50 drs., R. F. Downing & Co., Bristol; 200 drs., C. S. Grant & Co., Hamburg

SPICES—Cassia, 25 cs., McLaughlin Gormley & King, Hongkong; 200 cs., Nat. City Bank, Hongkong; Chillies, 278 bgs., Order, Genoa; Cloves, 3 bgs., Gillespie & Co., St. Lucia; 800 bls., Cunard S. S. Co., Port Sudan; 900 bls., Order, Rotterdam; 789 bls., Order, Genoa; Ginger, 16 bgs., J. E. Kerr & Co., Montego Bay; 100 bgs., Colonial Bank, Kingston; Mace, 100 cs., Order, Singapore; 8 cs., Order, Rotterdam; Nutmegs, 168 bgs., Order, Singapore; 323 cs., Standard Bank of So. Africa, Rotterdam; Pepper, 750 bgs., Stein Hall & Co., Batavia; Black, 250 bgs., Order, Batavia; 1000 bgs., L. Littlejohn & Co., Batavia; White, 320 bgs., Irving Bank, Singapore; 20 bgs., Order, London; Pimento, 157 bgs., J. E. Kerr & Co., Montego Bay

SPONGES—97 bls., Nat. Sponge & Chamois Co., Havana; 11 bls., Intern. Marine Products Co., Havana; 37 bls., Order, Havana; 49 bls., Amer. Sponge & Chamois Co., Havana; 66 bls., J. H. Rhodes & Co., Havana; 28 bls., Amer. Exp. Co., Havana; Refuse, 13 bls., Amer. Sponge & Chamois Co., Havana

STRONTIA NITRATE—138 cks., Hummel & Robinson, Rotterdam

STRONTIUM SALTS—1 csc., E. Bilhuber, Hamburg

SUMAC—140 bgs., Irving Bank, Palermo; 100 brls., Order, Palermo

TALC—300 bgs., C. Mathieu, Genoa; 1,500 bgs., Ital. Discount & Trust Co., Genoa

TAPIOCA—Flour, 490 bgs., Order, Sourabaya; 500 bgs., Joosten & Jensen, Samarang; Pearl 161 bgs., Catz Amer. Corp., Batavia; Siftings 287 bgs., Catz Amer. Corp., Batavia

TARTAR—51 bgs., C. Pfizer & Co., Trieste; Cream, 50 cks., Harriman Nat. Bank, Marseilles

TETRACHLORATHEN—25 drs., Roessler & Hasslacher, Hamburg

TETRALENE—5 drs., 1 csc., Industrial Chem Co., Liverpool

THEOBROMIN—3 cs., Merck & Co., Rotterdam

TRIMAGNESIUM PHOSPHATE—1 csk., Du Pont de Nemours Co., Hamburg

ULTRAMARINE—6 cs., Heller & Merz Co., Rotterdam

UREA—35 cks., G. W. Sheldon & Co., Rotterdam
VANILLA BEANS, 22 cs., E.G. Lough Guadeloupe; 69 cs., R. Moelhausen, Guadeloupe; 44 cs., Order, Guadeloupe; 7 cs., Am. Trdg. Co., Vera Cruz; 25 cs., Thurston & Braidich, Vera Cruz; 18 cs., Dodge & Olcott Co., Vera Cruz; 35 cs., Gomez & Sloane, Vera Cruz; 12 cs., Order, Havre
VENETIAN RED—100 cks., J. L. Smith & Co., Liverpool
WAX—Bees, 20 bls., Order, Rotterdam; 18 bgs., Nat. City Bank, Rio de Janeiro; 23 bls., D. Steengrafe, Rio de Janeiro; 84 bgs., Amer. Trdg. Co., Rio de Janeiro; 80 pgs., Guaranty Trust Co., Valparaiso; 4 bgs., Order, Leghorn; **Carnauba**, 80 bgs., Kline & Co., Rio de Janeiro; **Paraffin**, 4,000 bgs., Order, Liverpool
WOOD—12 bls., Peek & Velsor, Hamburg
WOOL GREASE—109 brls., Pfaltz & Bauer, Bremen; 100 brls., Amer. Exch Nat Bank, Bremen; 100 cs., Order, Hamburg;
ZINC AMMONIUM CHLORIDE—209 cks., Th. Goldschmidt Corp., Rotterdam
ZINC CHLORIDE—40 drs., Order, Rotterdam

IMPORTS AT PHILADELPHIA

May 20 to 27
ACID—Formic, 147 cbsys., Order, Hamburg
ARSENIC—Red, 50 drms., Mechanics & Metals Nat. Bank, Hamburg
CADMIUM SULFIDE—2 cs., Harshaw, Fuller & Goodwin Co., Hamburg
CALCIUM CHLORIDE—25 cs., Order, Liverpool
CARBAZOLE—6 cks., Order, Manchester
CASSIA—200 bls., Merchants Nat. Bank, Hongkong
CHEMICALS—24 pkgs., Order, Hamburg; 36 cks., Powers, Weightman, Rosengarten Co., Bremen
EPSOM SALTS—300 bbls., Order, Hamburg; 50 bgs., Order, Hamburg
FLUORSPAR—500 bgs., Fourth St. Nat. Bk., Hamburg; 2,201,400 lbs., Shrimmer & Co., Inc., Manchester; 1 lot, Winter Wolf & Co., Bremen; 1 lot, Wm. Schull & Co., Bremen
GLAUBER SALTS—236 bbls., Order, Hamburg; 600 bgs., Order, Hamburg
GLYCERINE—30 drms., Order, Hamburg; 80 cks., Order, Marseilles; 49 cks., Order, Barcelona
GYPSPUM—1 bbl., Tradesmen's Nat. Bank, Hamburg
IRON OXIDE—82 bbls., Stanley Doggett, Inc., Malaga; 83 cks., Jos. A. McNulty, Manchester
LEAVES—10 bls., McIlvaine Bros., Hamburg; **Renna**—20 bls., McIlvaine Bros., Marseilles
MAGNESIUM CHLORIDE—721 drms., Mfrs. Trust Co., Hamburg; 547 drms., Brown Bros. & Co., Hamburg; 350 drms., Brown Bros. & Co., Hamburg
OIL—Olive, 20 cs., Fourth St. Nat. Bank, Nice
PHOSPHORUS BICHLORIDE—23 bot. Order, Hamburg
PIMENTO—125 bgs., F. B. Vandegrift & Co., Alicante; 150 bgs., A. Cobbinn Co., Alicante
POTASH—Caustic, 53 drms., Order, Hamburg; **Sulfate**, 200 bgs., Potash Importing Co., Hamburg

SODIUM—Caustic, 50 cks., Powers-Weightman-Rosengarten Co., Hamburg; **Silicate**, 54 cks., Amer. Doucil Co., Liverpool
STRONTIUM NITRATE—12 cks., Order, Hamburg
SULFITE PULP—600 bls., Phila Nat. Bank, Oslo; 125 reels, Boregaard Co., Oslo; 750 bls., J. Anderson & Co., Inc., Oslo
UMBER—10 cks., L. H. Butcher Co., Inc., Manchester
ZIRCONIUM OXIDE—8 drms., Foote Mineral Co., Manchester

IMPORTS AT BALTIMORE

May 21 to 27
BARYTES—Carbonate, 1,000 bags, Roessler & Hasslacher Chemical Co., New York, Breddijk, Rotterdam
BORAX—Crude, 175 bbls., 50,570 lbs., Independent Chemical Co., Margaret Dollar, San Francisco
CHALK—Precipitated, 50 bags, H. J. Baker & Co., Belgian, Liverpool
CORK—165 bales, Crown Cork and Seal Co., Breddijk, Rotterdam
FLUORSPAR—250 bags, Roessler & Hasslacher Chemical Co., Boston Maru, Hamburg
GLUE—Marine, 54 cases, 6,916 lbs., L. W. Ferdinand & Co., Schoharie, London
LOGWOOD—831 French tons, J. S. Young Co., schooner Charles M. Struven, St. Marc, Haiti
MACE—21 cases, McCormick & Co., Breddijk, Rotterdam
MUSTARD—1 case, American Czechoslovak Sales Corp., Boston Maru, Hamburg
OIL—Cod Liver, 25 bbls., F. H. Shallus Co., Breddijk, Rotterdam; **Haarlem**, 1 case Muth Bros. & Co., Breddijk, Rotterdam; **Sesame**, 250 drums, J. S. Connor, Breddijk, Rotterdam
POTASH—Carbonate, 80 casks, 60,065 lbs., Parsons & Petit, Boston Maru, Hamburg; **Caustic**, 83 drums, 56,901 lbs., F. H. Shallus Co., Boston Maru, Hamburg
TAPIOCA FLOUR—334 bags, Victor G. Bloede & Co., Chattanooga City, Singapore
WOOL GREASE—120 bbls., 54,992 lbs., to order, Hoxie, Holland

IMPORTS AT SAN FRANCISCO

May 16 to 23
ACID—Cresylic, 20 drums, Order, London; **Iron**, 40 bbls., L. H. Butcher Co.
AMMONIA—1 cask, Meyer Wilson & Co., Liverpool
CELLULOSE—50 bales, Order, Rotterdam
CHALK—100 tons, Balfour, Guthrie & Co., London
COPRA—2,560 tons, Wolff Kirchmann & Co., Rabaul; 217.08 tons, Eldorado Oil Works, Iloilo; 995 tons, Atkins, Kroll & Co., Singapore; 13,527 tons, Kidder, Peabody Acceptance Corp., Zamboanga; 848 bags, American Finance & Commerce Co., Papeete; 1,171 bags, Atkins, Kroll & Co., Papeete; 967 bags, Pacific Coconut Co., Papeete; 2,830 bags, Williams, Dimond & Co., Papeete; 3,706 bags, Order, Papeete; 154 bgs., Burns, Philp & Co., Papeete; 1,937 bags, Wightman & Crane, Papeete; 5926 bags,

Kidder, Peabody Acceptance Corp., Papeete
GAMBIER—103 cases, H. M. Newhall, Singapore; 425 cases, British Overseas Bank, Singapore
GUMS—Copal, 35 bags, Order, Singapore; 256 bags, Atkins, Kroll & Co., Singapore; 199 bags, Order, London; **Damar**, 64 bags, Atkins, Kroll & Co., Singapore; 63 bags, Standard Bank of South Africa, Singapore
IRONSAND—205 bags, Leitch & Co., Liverpool
NUX VOMICA—342 bags, California Spray Co., Calcutta
OILS—Olive, 195 cases, Order, London; **Palm**, 297 bbls., Sprekels Bros., Singapore; **Sesame**, 10 drums, Bank of America, Rotterdam
SEEDS—Mustard, 1123 bgs., Pacific Orient Co., Taku Bari
SHELLAC—65 bags, Henry W. Peabody & Co., Calcutta; 8 bags, Mitsui, Bussan Co., Calcutta
SODA—Nitrate, 257 bags, Order, Oslo; 5606 bags, Anglo & London Paris National Bk., Iquique
SPICES—Ginger, 56 bags Colonial Bank, Cristobal; **Mace**, 80 cases, Bank of California, Singapore; **Paprika**, 5 bags, Haas Bros., Hamburg; **Pepper**, 500 bags, Bank of California, Singapore
SULFUR—2,000 bags, Italian-American Bank, Rotterdam
TAPIOCA—Pearl, 81 bags, H. M. Newhall & Co., Singapore
TURPENTINE—500 cases and 600 drums, Otis, McAllister & Co., Manzanillo
VANILLA BEANS—18 cases, Williams, Dimond & Co., Papeete

IMPORTS AT NEW ORLEANS

May 26 to 29
AMMONIUM CHLORIDE—20 cks., Order, Bremen
BAUXITE—2,597 tons, Republic Mining Co., Georgetown
CHICORY—480 sacks, Order, Rotterdam
FULLER'S EARTH—1,350 sacks, Order, London
MOLASSES—750,000 gal., Penick & Ford, Cuba; 600,000 gal., Order, Cuba; 1,250,000 gal., Amer. Sugar Ref. Co., Cuba
OIL—Olive, 717 cs., Order, Barcelona
SARSAPARILLA—11 bls., Order, Vera Cruz
VANILLA—8 cs., Order, Vera Cruz

IMPORTS AT BOSTON

May 23 to 30
BUTTONLAC—127 chests, Order, Liverpool
CHALK—500 tons, Order, London
CHINA CLAY—616 tons, Moore & Minger, Fowey; 2,705 tons, English China Clay Sales Corp., Fowey
COLOR—Aniline, 9 casks, Dyestuffs Corp. of Am., Manchester; 1 cks., Order, Bremen; **EEarth**, 17 casks, L. H. Butcher & Co., Bremen
DEXTRINE—30 bags, Borden Remington, Manchester
FULLER'S EARTH—400 bags, L. A. Salomon & Co., London
GLUE—Marine, 173 cases, L. W. Ferdinand & Co., London; 16 bbls., L. W. Ferdinand & Co., London; 7 crates, L. W. Ferdinand & Co., London



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Bids and Proposals

DRUGS AND CHEMICALS—The Chemical warfare service, Edgewood Arsenal, Md., will open bids May 27, cir. E. A. P. 58, for drugs and chemicals.

PHOSPHATE AND SODA—The purchasing agent, Post Office Department, Washington, will open bids June 1 for 35,000 lbs. trisodium phosphate and 11,000 lbs. caustic soda.

MISCELLANEOUS—Bids are wanted on date indicated by the bureau of supply, Treasury Department, Washington, for miscellaneous supplies for federal buildings under control of the Treasury Department: Opening of May 28th, Cir. 4974, 65,000 lbs. hydrochloric Acid.

PANAMA CIRCULAR 1668—Bids are wanted May 28th under cir. 1668 by the general purchasing officer, the Panama Canal, Washington, for 3,000 lbs. chipped soap, 550,000 lbs. sulphate of alumina, 30,000 lbs. soda ash.

MISCELLANEOUS—Bids are wanted on date indicated by the purchase and issue subdivision, U. S. veterans' bureau, Arlington Bldg., Washington, for miscellaneous supplies. Cir. 207, opening of May 28, sodium hyposulphite and sodium sulphite as required during a six month's period ending Dec. 31, 1925.

DRY COLORS, etc.—The purchasing clerk, bureau of engraving and printing, Washington, will open bids June 4 for annual supplies, including 600,000 lbs. mixed black, 1,500 lbs. carbon black, 400 lbs. do, 40,000 lbs. precipitated magnetic oxide of iron, 1,200,000 lbs. barytes, 200,000 lbs. paris white, 10,000 lbs. zinc white, 2,000 lbs. hydrate of alumina, 20,000 lbs. chrome green, 60,000 lbs. Prussian blue, 6,000 lbs. bronze blue, 4,000 lbs. Chinese blue, 4,000 lbs. ultramarine blue, 75,000 lbs. lake, 570,000 lbs. chrome yellow, 10,000 lbs. orange mineral, 6,000 lbs. borate of manganese.

Business Opportunities

A century old trading concern, specialized in chemicals and minerals in France applies for the sole agency of American producers. First class banking and commercial references. For further information, write to Box No. 234 **DRUG & CHEMICAL MARKETS**.

A CANADIAN FIRM wishes to get into touch with an independent manufacturer of Corn Dextrine with the object of representing same as selling agents. Address Box 291, **DRUG & CHEMICAL MARKETS**.

Business Opportunities

TOILET GOODS—Practical perfumer, with sixteen years experience in manufacturing, desires to enter into partnership with a man capable of handling the office and sales end. Capital not absolutely essential but desirable. Only a high class proposition considered and highest references both business and professional to be accepted. Box 218, **DRUG & CHEMICAL MARKETS**.

TANNERS BATE—Formula for improved chemical bate for sale on a royalty basis to an established house in a position to make and market the same. Box 223, **DRUG & CHEMICAL MARKETS**.

EXPERIENCED MANUFACTURING CHEMICAL ENGINEER wants to come in contact with American gelatin manufacturers for the purpose of introducing his new gelatin process already in successful operation in France. Box 207, **DRUG & CHEMICAL MARKETS**.

Situations Wanted

Purchasing Assistant—Young man twenty-nine, two years experience with large insecticide manufacturing and chemical corporation, moderate salary. Box 232 **DRUG & CHEMICAL MARKETS**.

Sales manager: nine years experience as chemist. Ten years experience in sales. Especially experienced handling business with railroads. Would prefer to locate near Philadelphia, or in Chicago. No. 104, c/o Bureau of Employment, of Chemist's Club (Agency), 52 E. 41st St. New York City.

Office work connected with chemical industry. College graduate with six years teaching experience. Prefers to be located in the northeastern part of the United States. No. 95-51, c/o Bureau of Employment of Chemist's Club, 52 E. 41st St., New York City.

EXPERIENCED HEAVY CHEMICAL SALESMAN desires to sell on a commission basis industrial chemicals. Excellent opportunity for an out of town house to have a representative in the New York-Metropolitan District. Box 229, **DRUG & CHEMICAL MARKETS**.

CHEMICAL SALES—Reliable, hard working, experienced, trained man with fourteen years experience, seeks position with established firm. Knows consumers and sources of supply and has desirable personal connections. Box 225, **DRUG & CHEMICAL MARKETS**.

CLERK—Man with a number of years experience in selling and clerical capacity, desires new connection with chemical or drug firm of good standing. Best of references. Communicate with Box 227, **DRUG & CHEMICAL MARKETS**.

Situations Wanted

PURCHASING ENGINEER or plant management. Chemist with twenty years experience in these lines. If interested communicate with No. 9000, Bureau of Employment, of the Chemists Club (Agency), 52 E. 41st St., New York City.

MAN WITH GRADUATE TRAINING IN CHEMISTRY and five years teaching experience, wants position as technical salesman or publicity man. If interested communicate with No. 9525, Bureau of Employment, of the Chemists Club (Agency) 52 E. 41st St., New York City.

EXPERIENCED TEXTILE SOAP MAKER and chemist, just arrived from Germany, desires to connect with manufacturer. New products in textile oils and soaps. Box 224, **DRUG & CHEMICAL MARKETS**.

PHARMACEUTICALS—Aggressive salesman with six years experience, desires to make a change. Has covered the country East of the Mississippi and as far South as Richmond. Well and favorably known. Box 220, **DRUG & CHEMICAL MARKETS**.

TECHNICAL SALES—Sales promotion, chemical engineer. Also successful production executive. Widely experienced almost all branches chemical consuming industry. Capable managing sales office or handling sales of new products. Available June 1st. Box 212, **DRUG & CHEMICAL MARKETS**.

CHEMIST—Dr. of Science, organic—experienced in synthetic organic chemistry in laboratory and plant, acquainted with pharmaceuticals, sulpho-colors, synthetic essential oils, nitrocellulose lacquers—wants position. Box 210, **DRUG & CHEMICAL MARKETS**.

SALES MANAGEMENT OR PROMOTION CHEMICALS—Technically trained, knowledge pharmaceutical field, over fifteen years business experience. At firms only. Box 211, **DRUG & CHEMICAL MARKETS**.

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CHEMIST AND PERFUMER—Married man, pharmaceutical education, thoroughly experienced and capable of manufacturing and assembling a full line of household and veterinary remedies, flavoring extracts, cosmetics, perfumes and toilet preparations, for a mid-west concern. Must have a thorough knowledge of bottling, labeling and packaging and be fully competent to direct and manage laboratory help. State age, height, weight, and salary, with full details of past experience, references and names of past employers, in first letter. Address Box 234, DRUG & CHEMICAL MARKETS.

LACQUER—High class man, fully experienced in all details of the manufacturing of lacquer, wanted to take charge of manufacturing plant. We offer a well paid permanent position with an interest in the business, to the right party. Answer giving full details of your past experience. Box 216, DRUG & CHEMICAL MARKETS.

DYESTUFF SALESMAN—Established manufacturer of Sulphur Colors to sell on liberal commission basis. Advise experience and territory you desire to cover. Box 214, DRUG & CHEMICAL MARKETS.

Drugs and Chemicals

CHLOROFORM—Large manufacturer has exclusive sales representation to offer in several parts of the country. Address Box 235 DRUG & CHEMICAL MARKETS.

FOR SALE—A collection of standard crude drugs in square decorative labelled glass bottles, invaluable to colleges, schools and wholesale druggists. George Hiram Mann, Attorney, 80 Wall street, New York, N. Y.

FOR SALE 65 lbs. Algol Red, 250lbs. Algol Yellow, 225lbs. Indanthrene Blue, favorable prices. A. Daigger & Company, 54 W. Kinzie St., Chicago, Ill.

FOR SALE—Orthotoluidine in quantities. Write—Portsmouth Dye & Chemical Co., P. O. Box No. 89, Portsmouth, N. H.

Drugs and Chemicals

A MAN who controls the job you want is most apt to be a regular reader of this column. For real positions in the chemical, drug, dye, oil and allied fields no medium brings better results than these Wants and Offers—5c a word.

FAST SELLING SIDE LINE of perfumes and toilet articles. Man calling on first class drug trade. Particulars and references. Vanity Import Co., 36 East 22nd St., New York.

MANUFACTURER of all wood distillation products—i. e. acetone, acetone oils, methyl alcohol, wood oils, pure creosote, etc. Destilacija Drva D. D. Boskovicjeva Ulica 33, Zagreb, Yugoslavia.

FIRST HAND DEALERS since 1887 in Florida crude drugs. Stocks guaranteed. Florida Botanical Drug Company, 1010 Bisbee Bldg., Jacksonville, Florida.

TARTRATES—Exporters of tartar products. Crude tartar, tartrate of lime, cream of tartar. Marquet & Co., Apartado 166, Zaragoza, Spain.

FOR SALE—50 tons Terra Alba Prime White. Sample will be furnished upon request. Box 215, DRUG & CHEMICAL MARKETS.

COPPER SULPHATE—Prices wanted on 20 to 100 tons 99% in bbls. of 450 lbs. net. landed at St. John, New Brunswick. Delivery about June 15th. Ralph B. Adams, Lakeville, N. B., Canada.

WE ARE WHOLESALE SHIPPERS, exporters and first hand dealers in American Botanical Crude Drugs, and specialize in Black Haw Bark Tree and Root, Witch Hazel Bark, etc. Write for prices. Hamilton-Bacon-Hamilton Co., Bristol, Va.

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FOR SALE—Kiefer Bottle and Can Filling machines, Crown capping machine, World Labeler, Six Copper jacketed kettles, Four aluminum kettles, Shriver and Sperry Wood and Iron Filter Presses, 10 H. P. Gas Boiler, Day Lighting Mixer and Poney Mixer, Devine Vacuum Dryer, Proctor Dryer, No. 6 Sharpless Centrifugal, steam Pumps, Duriron Pumps, Pipe and fittings, Tanks, Kettles, etc. Consolidated Products Company, Inc., 15 Park Row, New York City.

WANTED—Multiple ring filter press 10" with motor and rotary pump, Kiefer style preferred. Must be in first class condition and a bargain. Address with price and description. Anderson Indian Medicine Co., Box 531, Middlesboro, Ky.

WANT catalogs on laboratory equipment, tablet and wrapping machines and mixers. Box 233 DRUG & CHEMICAL MARKETS.

AMERICAN Smelting & Refining Company's Sulphate of Zinc, (35% Zinc content) distributed by National Oil & Supply Co., 172-180 Frelinghuysen Avenue, Newark, N. J. Telephone: Terrace 0700 to 0704.

FOR SALE—2 Becker Balances, Table hand centrifuge, Brown recording thermometers, Thwing recording Pyrometers graduated 0 to 300 C, one 0 to 100 C. Hydrocarbon Chemical Co., Lancaster, Pa.

Miscellaneous

FOR SALE—Complete files of DRUG & CHEMICAL MARKETS, unbound, \$5.00 a volume.

ASK THE Bureau of Employment of the Chemists' Club (Agency) 52 East 41st Street, New York City. If you need a chemist (man or woman) for the laboratory or works. If you wish a position for the practice of your profession. No charge to employers. Moderate fee to applicants. Prof. Herbert R. Moody, Chairman Club Committee.



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Formerly of the Plaza, New York.

Walter Tappan
President.

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DRUG & CHEMICAL MARKETS

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If you want to be listed free in the 1926
DRUG & CHEMICAL MARKETS GUIDE-BOOK,
send us at once the following facts:

- (1) Full firm name.
- (2) Full address and telephone number of main office.
- (3) Same for branch offices, sales agents, and plants.
- (4) List of individual products for which firm is headquarters—only products manufactured or sold in a large way.

Please send this information on your firm letter head and use above numbers to indicate each group of facts. Patented, trade-marked, or brand names cannot be listed under any circumstances. Complete listing is *free* and without obligation. Send facts *at once* to

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709 Sixth Avenue

New York

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